

作成承認印

配布許可印

**Nikon****D750****VBA42001
VBA42011(KR)****REPAIR MANUAL****Nikon** | **NIKON CORPORATION**
Tokyo, Japan

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無断転載を禁ず !!


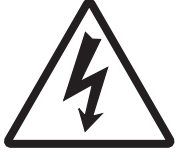
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Before Disassembly / Reassembly / Adjustment

 <h2 style="display: inline;">WARNING</h2>	
	<ul style="list-style-type: none"> ● There are high voltage parts inside. Be careful of electric shock, when you remove the covers. ● You must discharge the main condenser according to the instruction of this repair manual after you remove the covers.

Points to notice for Lead-free solder products

- Lead-free solder is used for this product.
- For soldering work, the special solder and soldering iron are required.
- Do not mix the lead-free solder with the conventional solder.
- Use the special soldering iron respectively for lead-free solder and lead solder.
They can not be used in common.

- Note :** (1) During disassembly/(re)assembly, be sure to use the conductive mat (J5033) and wrist strap (J5033-9) in order to protect electric parts from static electricity.
- (2) Before disassembly, remove the memory card, battery, and AC adapter.
- (3) When disassembling parts, make sure to memorize the processing state of wires/FPCs, attaching state of screws and their types, and so forth.
- (4) The imaging area of the image sensor unit is easily damaged, so handle it very carefully.
- (5) What are used in this manual may differ from the actual products in form/texture.

Note:

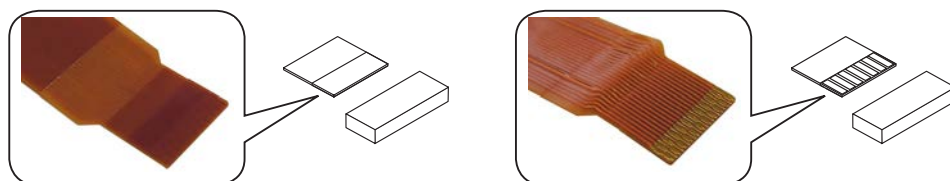
- (1) In this manual, the application of grease and adhesive is indicated by coloring (grease: yellow/ adhesive: pink) the tool number as follows:

CFD409Z

EDB0011

- (2) Perform operations in numeric order if encircled numbers are indicated together with parts.
e.g. ①②③ Perform in numeric order from ① to ③ .

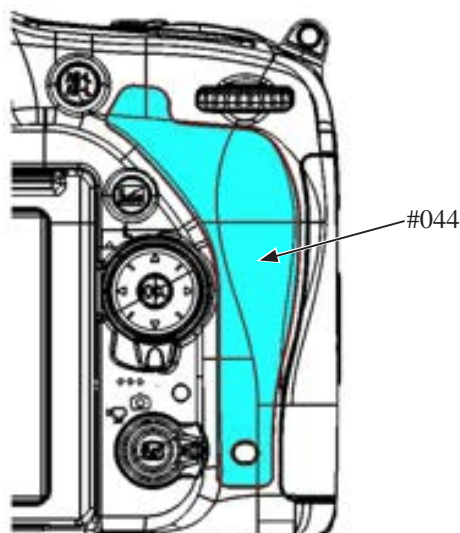
- (3) In this manual, the connecting direction of FPCs is shown as follows:



Assembly

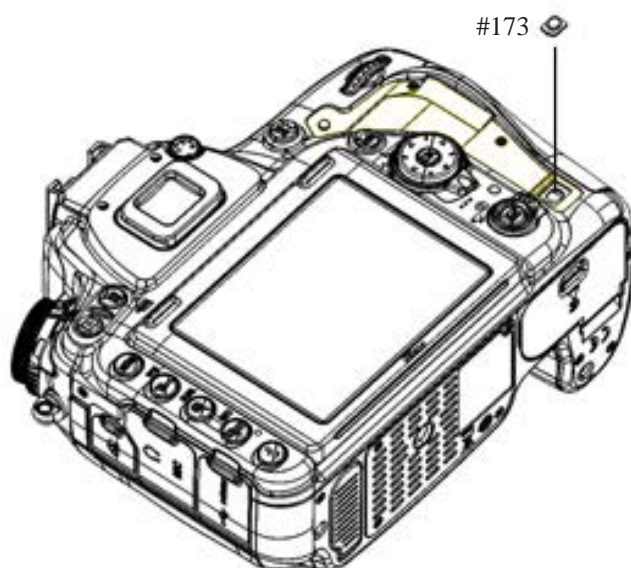
1. External appearance

#044	Rear rubber unit
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Infrared receiver window

#173	Infrared receiver window
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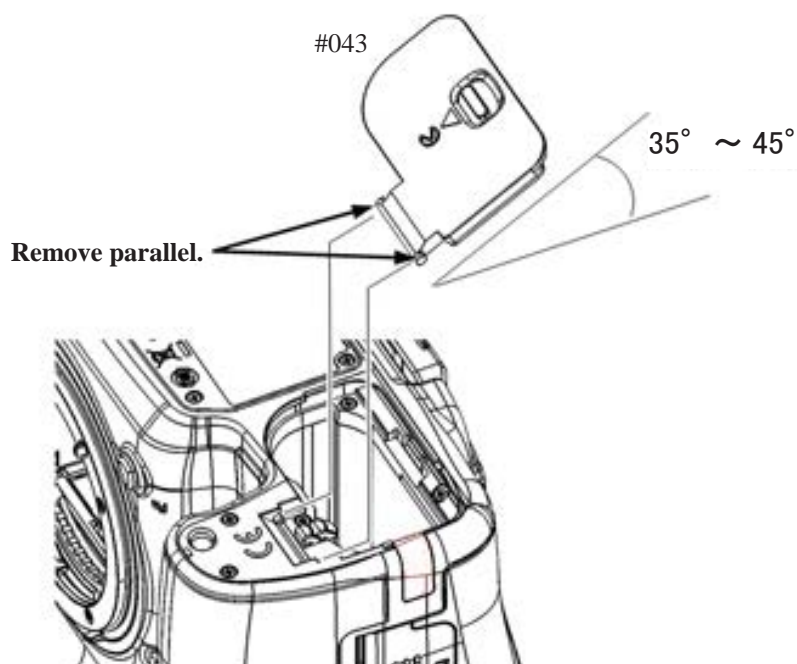


#156	Power pack contact cover
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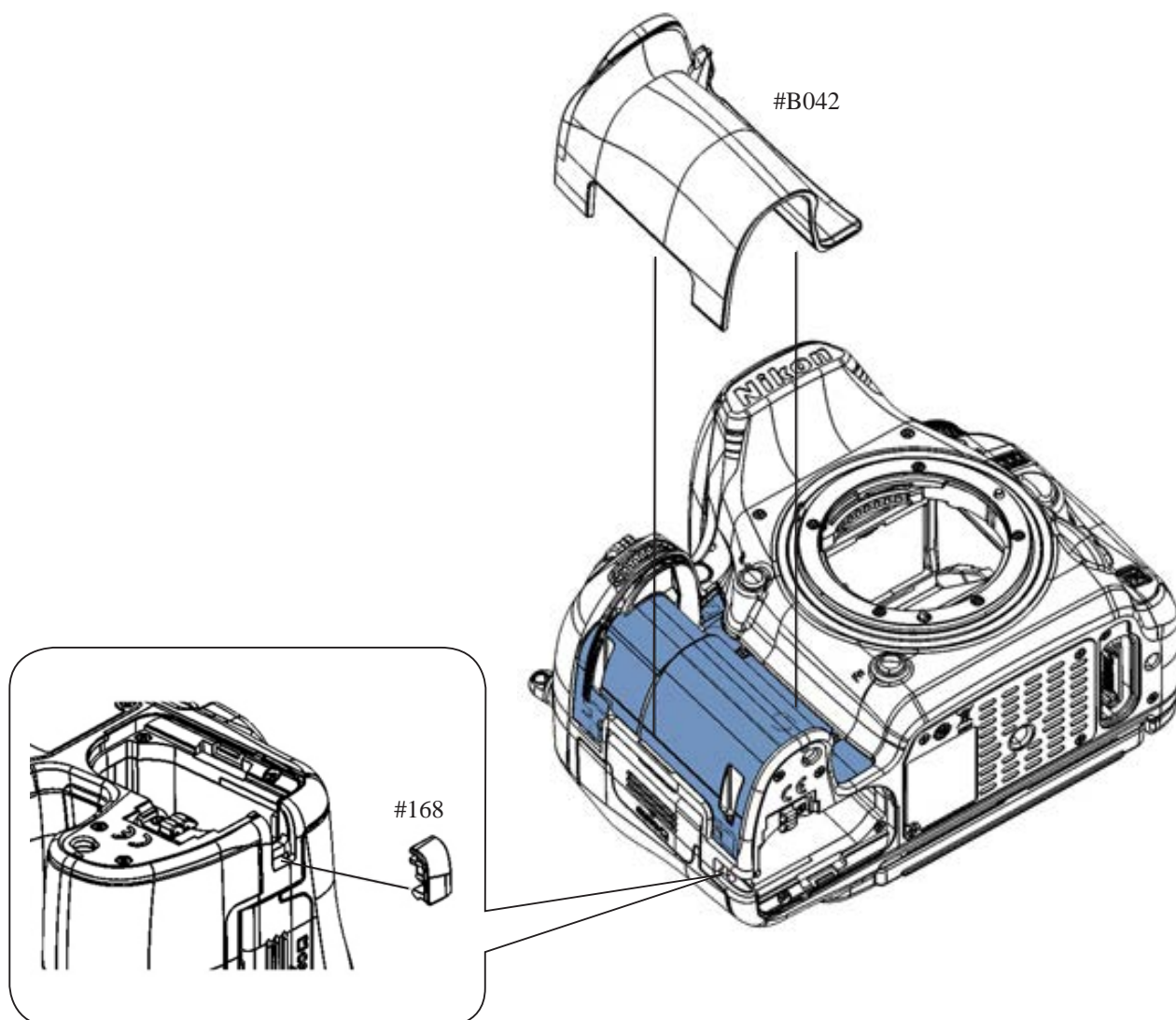
Battery cover

#043	Battery cover unit
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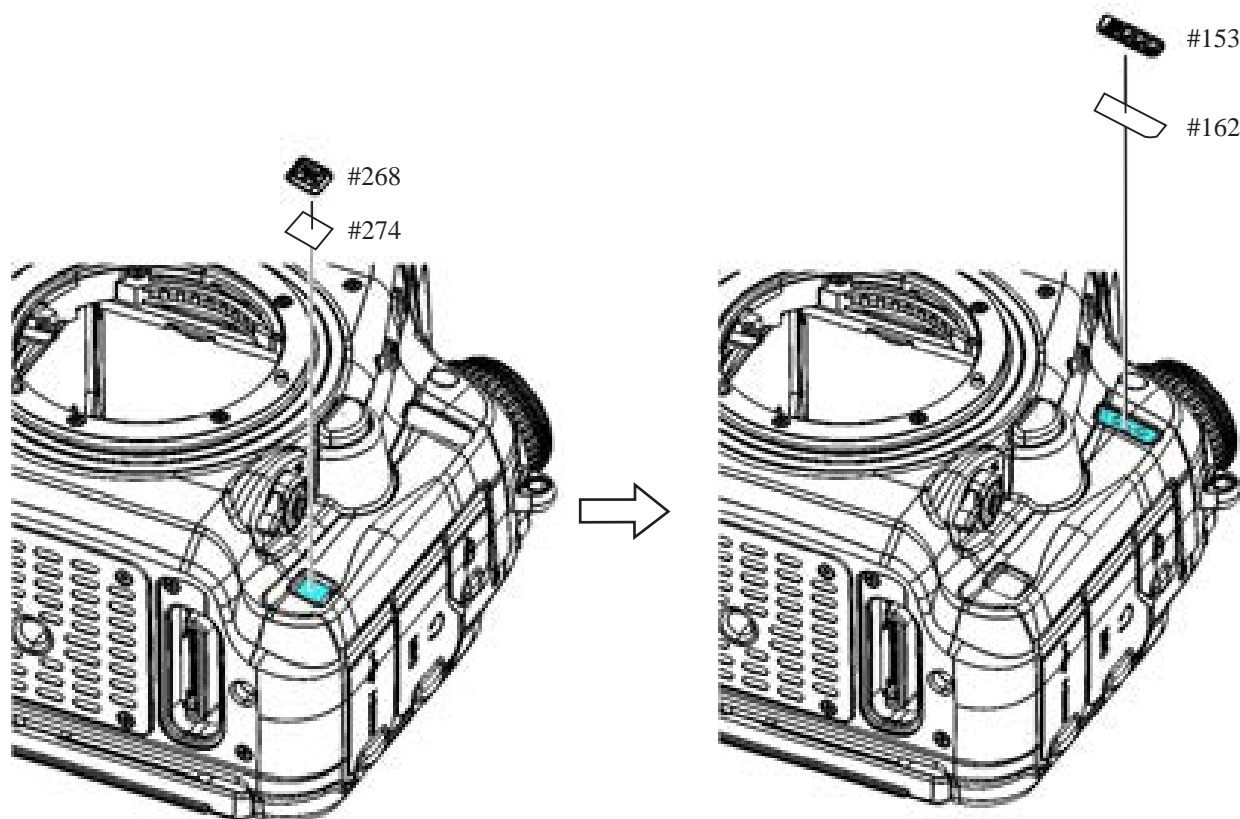
**AC power cover**

#168	AC power cover
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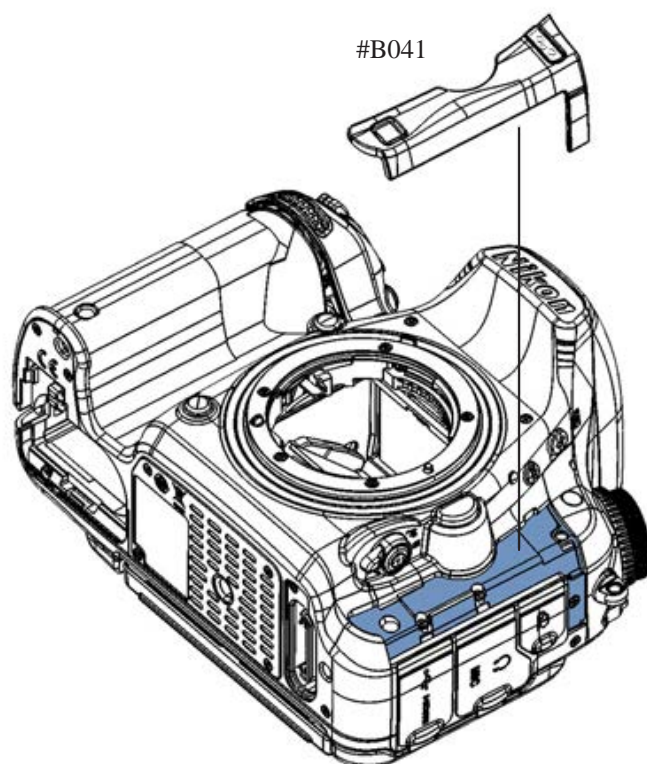
#B042	Grip unit
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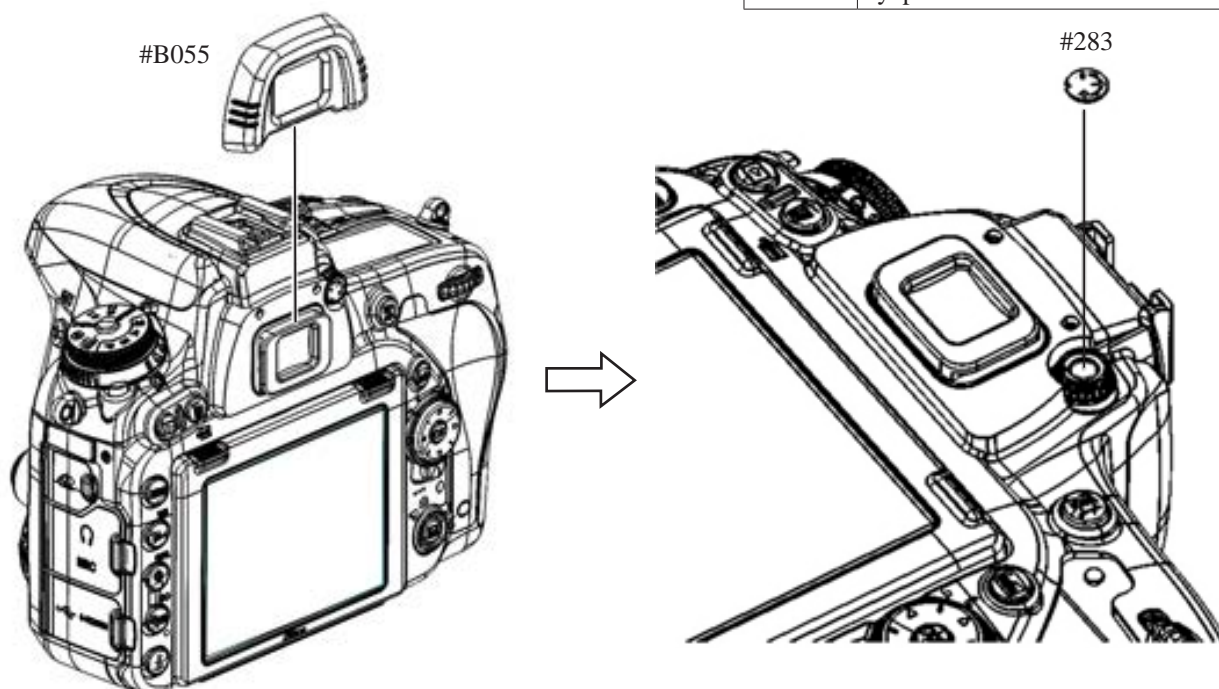
#153	Name plate
#162	Double stick tape
#268	FX plate
#274	Double stick tape



#B041	Side rubber unit
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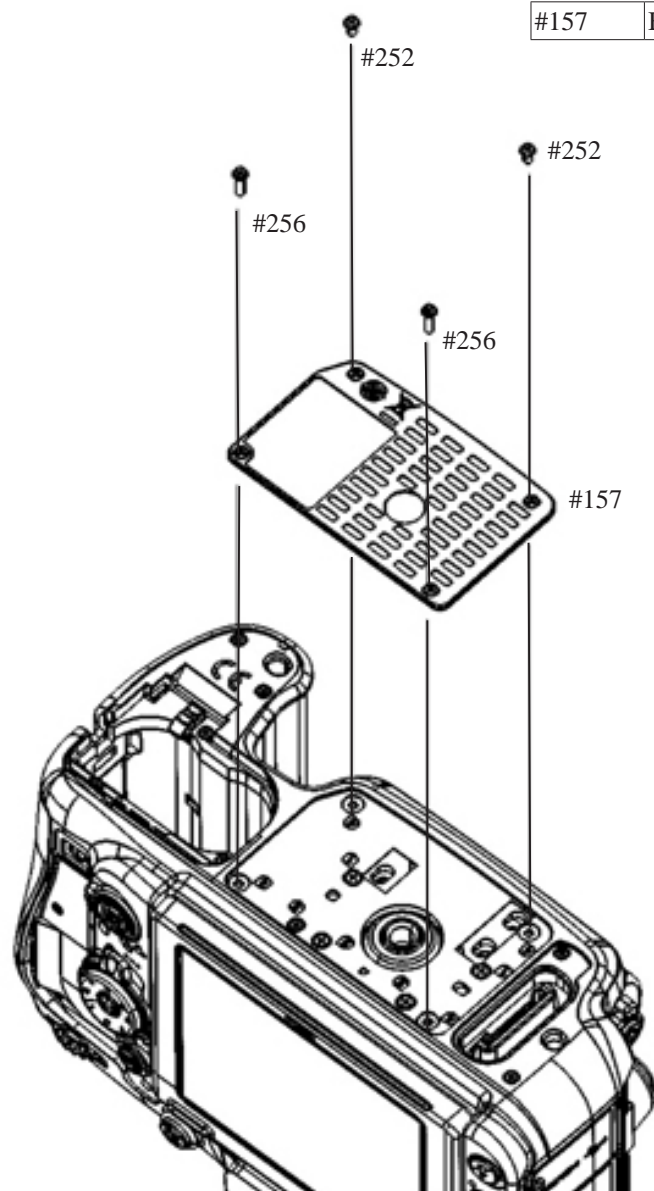


#283	Cover
#B055	Eyepiece mold unit



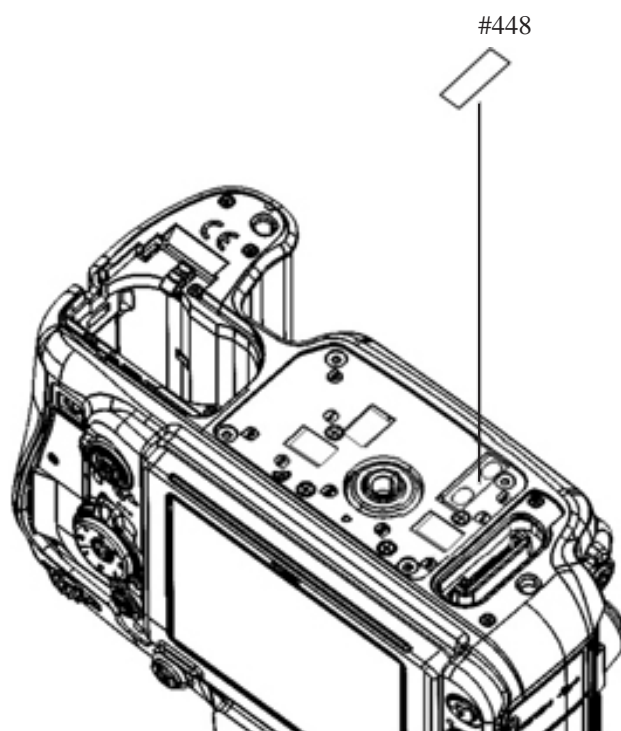
Bottom cover

#157	Bottom cover
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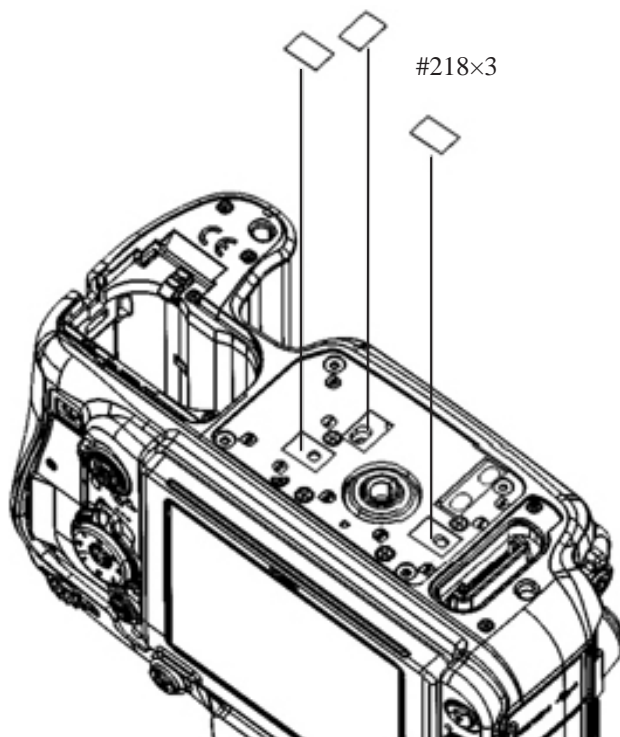
#448

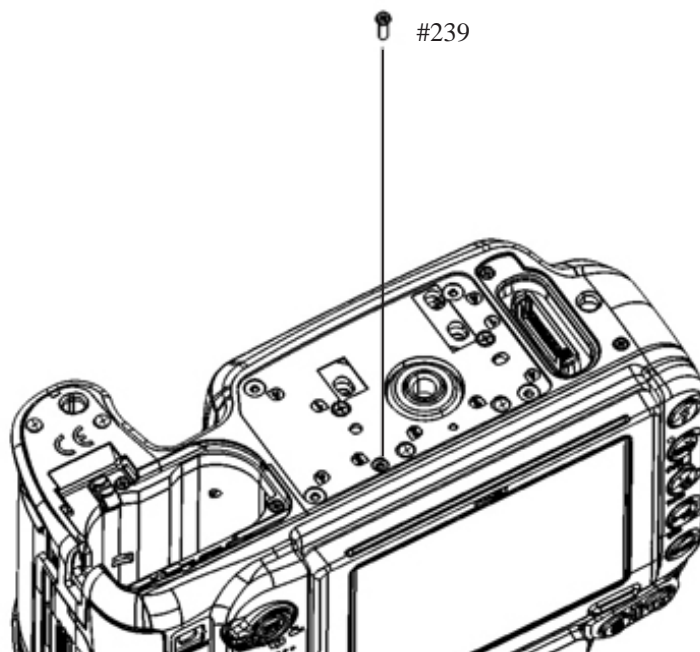
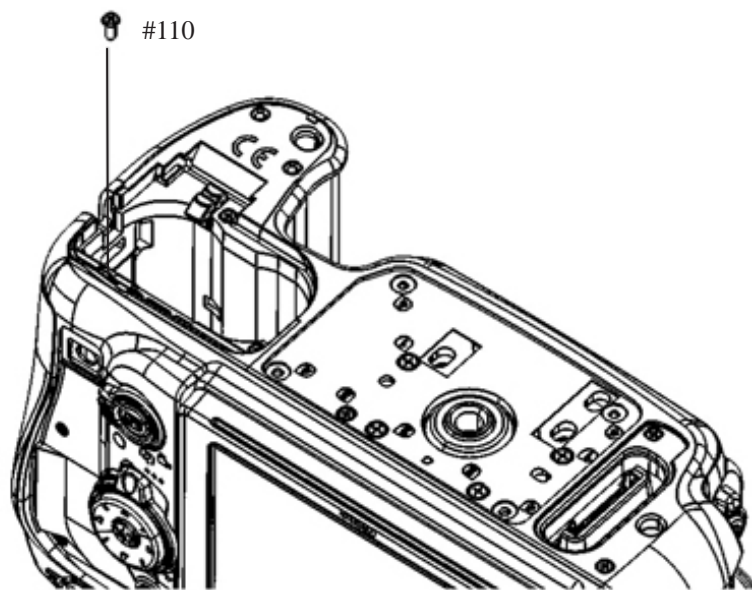
Tape

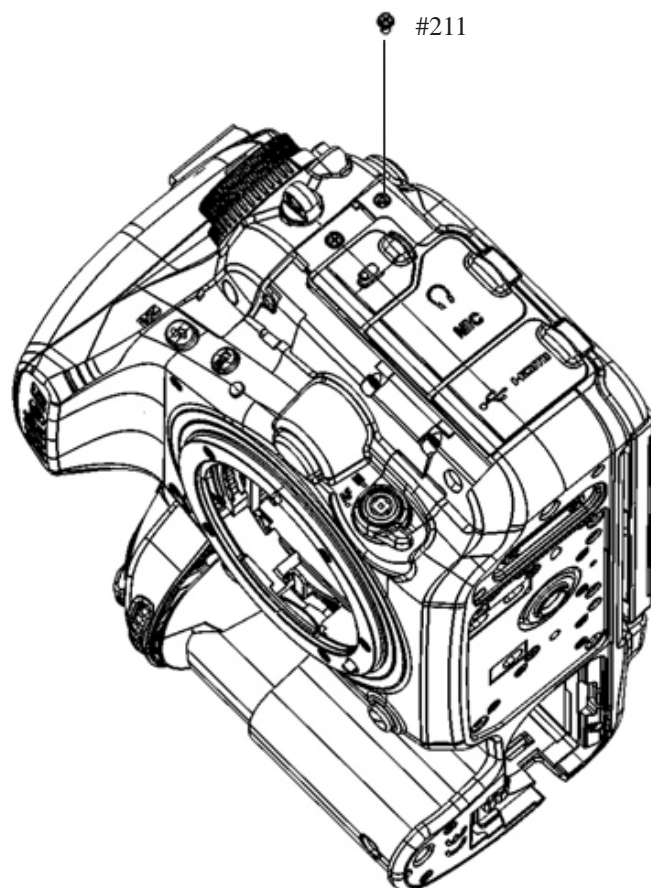
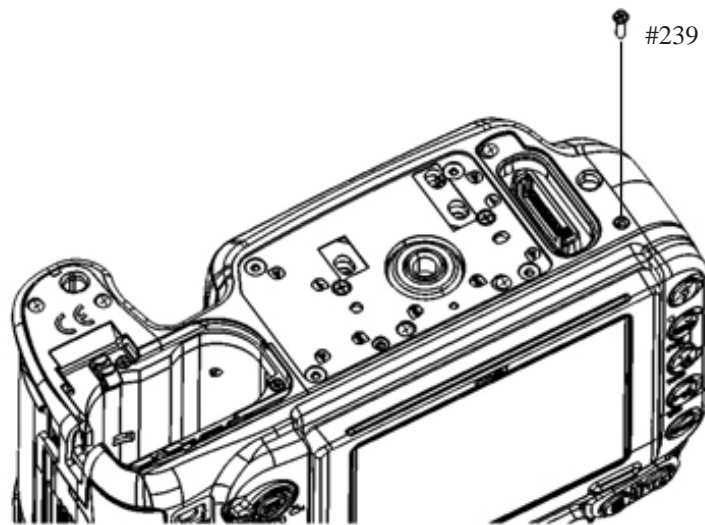


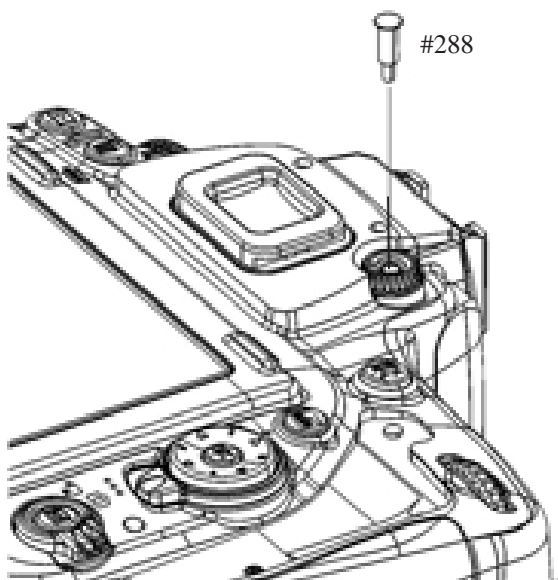
#218

Tape

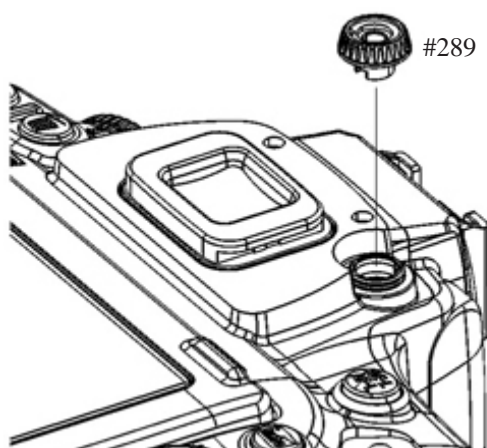




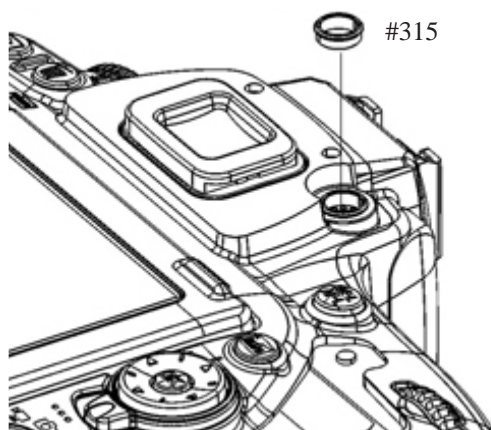


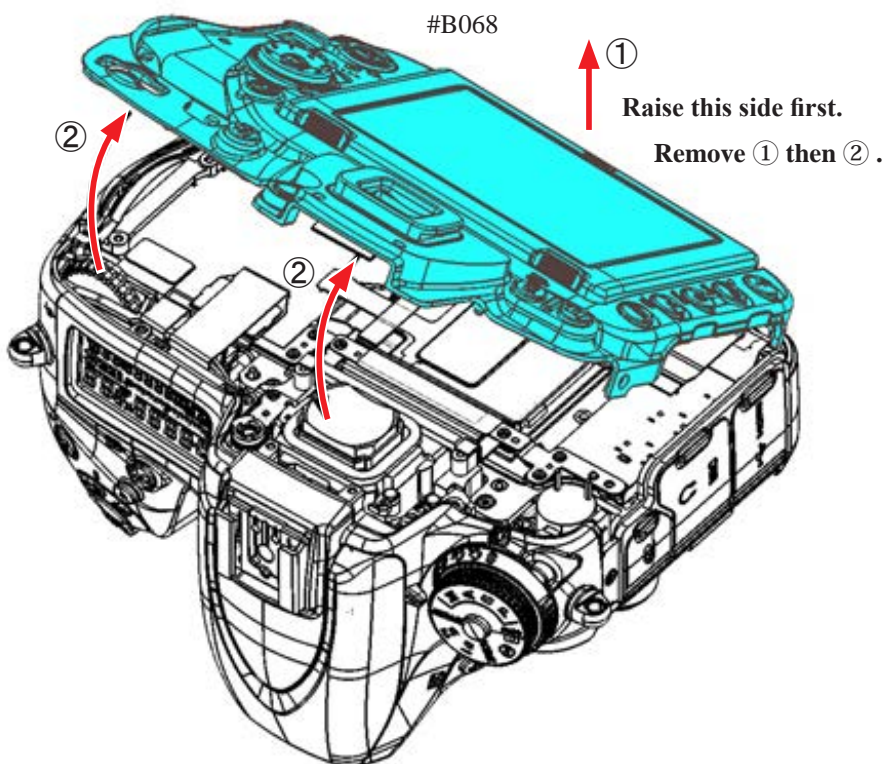
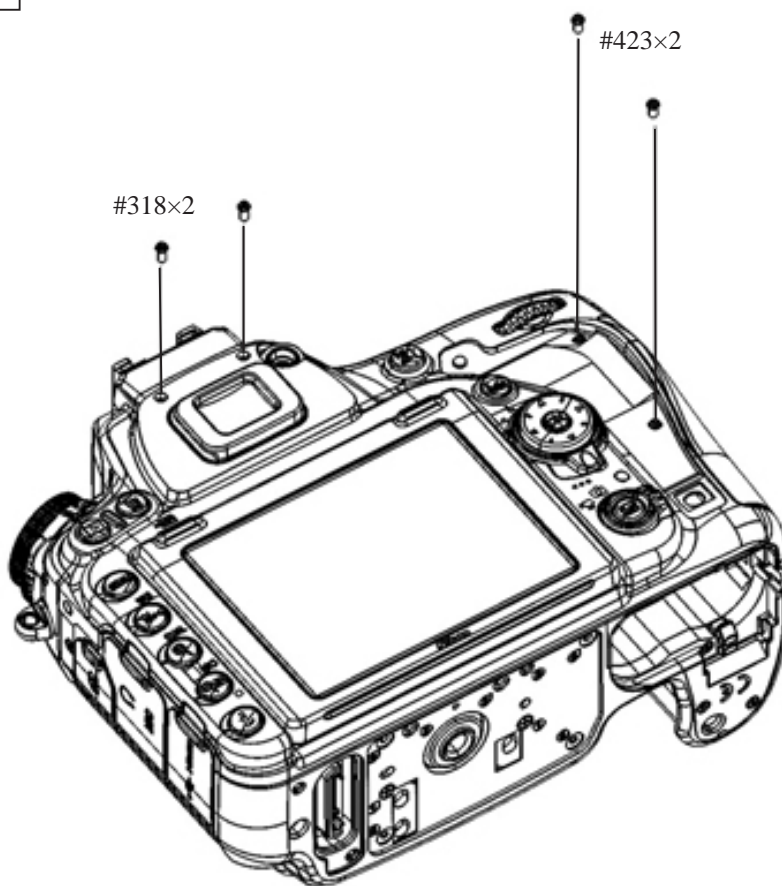


#289	Diopter adjustment knob
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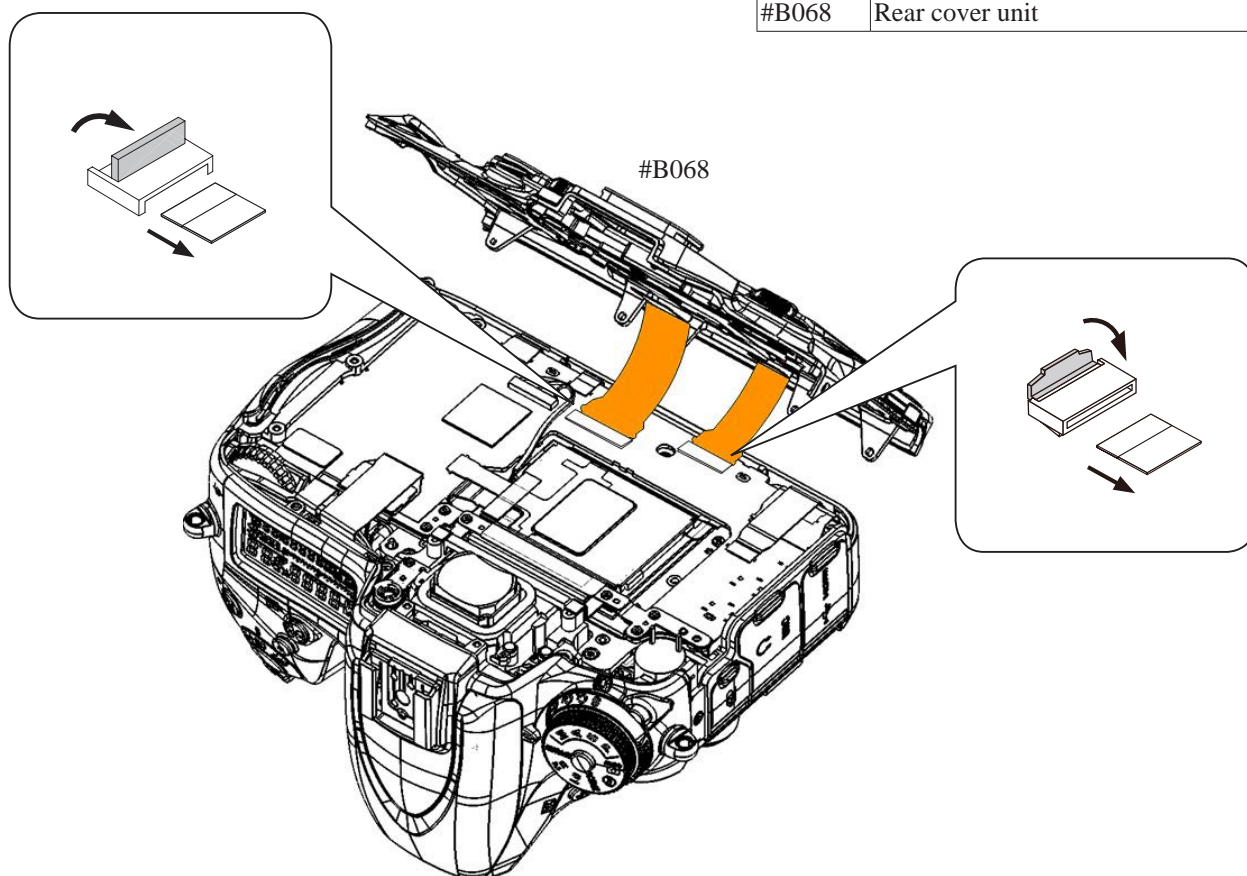


#315	Rollar
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Rear cover unit

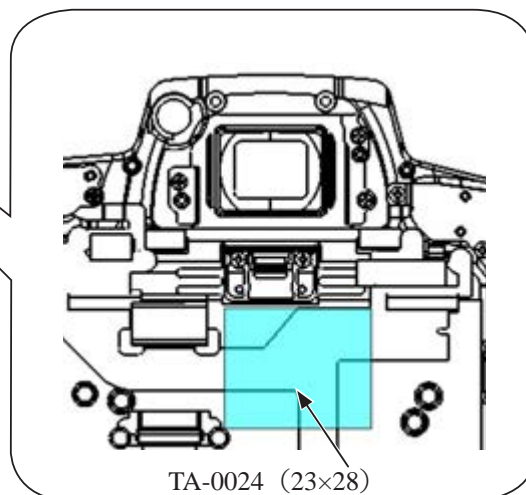
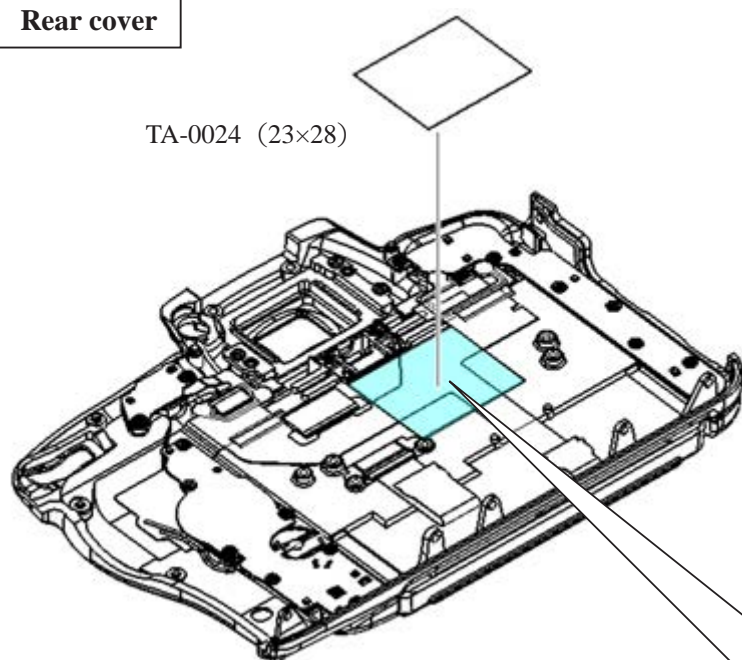
#B068	Rear cover unit
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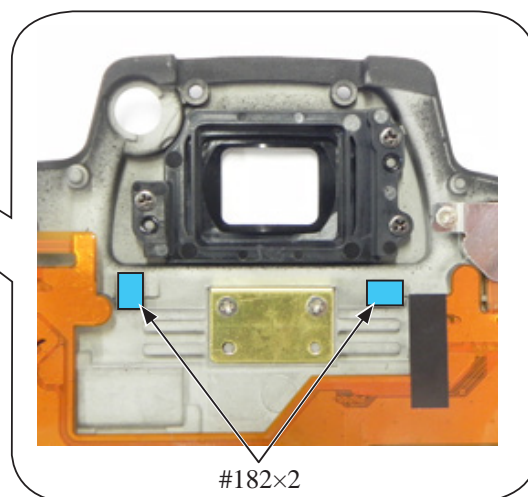
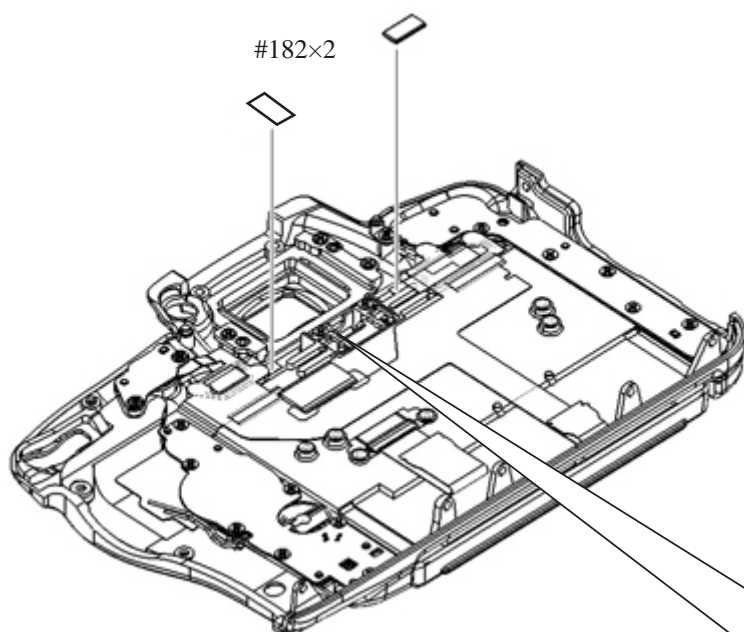
2. Rear cover

Rear cover

TA-0024 Tape

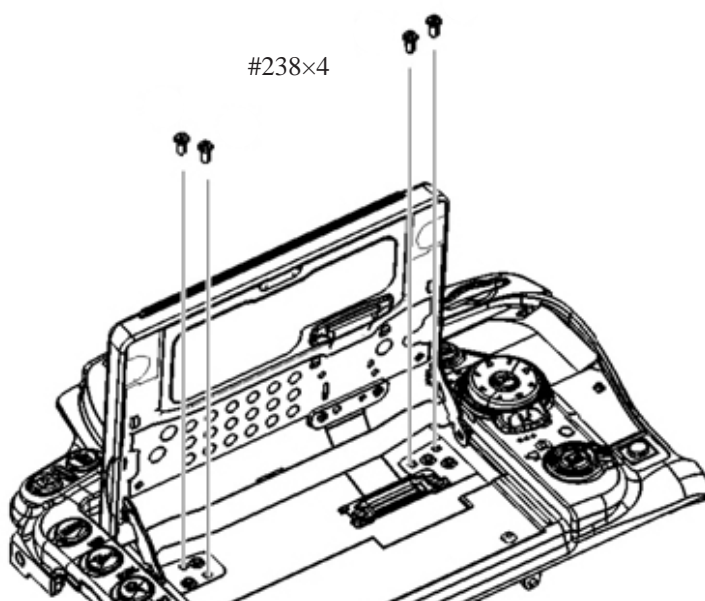
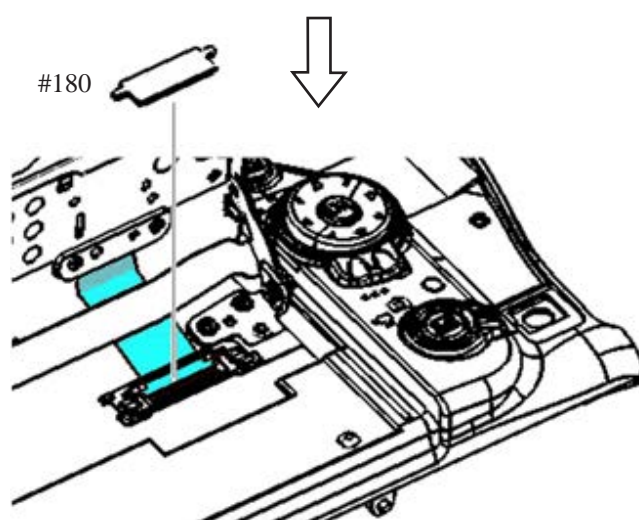
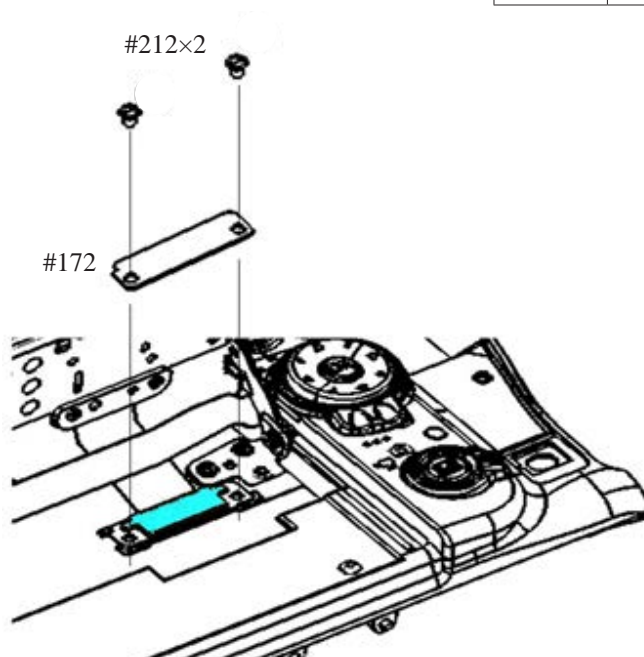


#182 Gasket

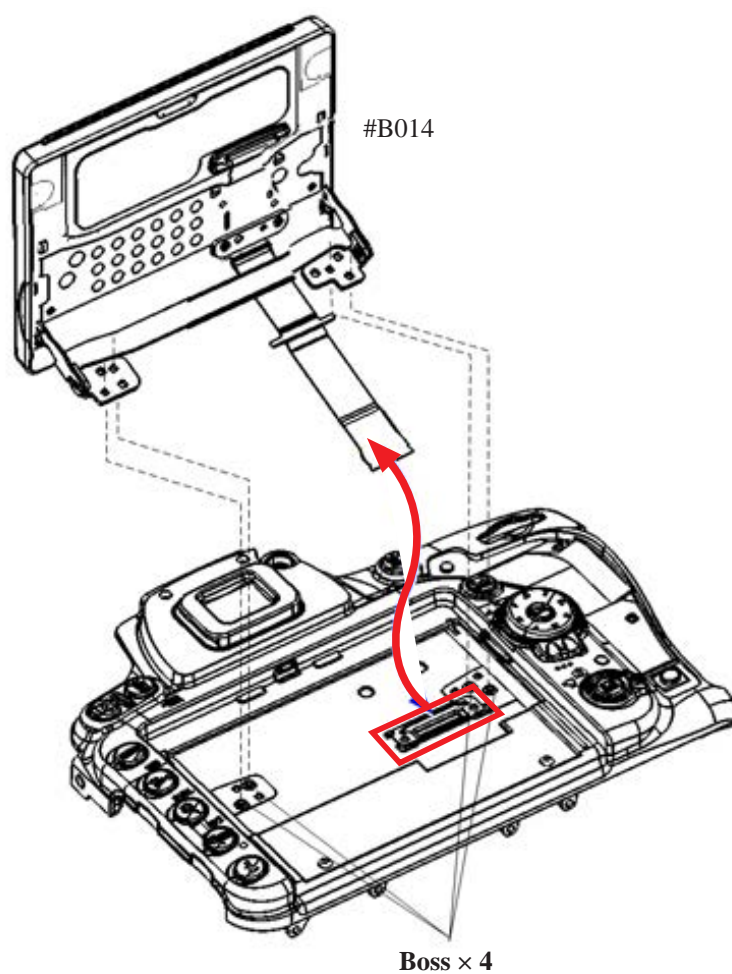


TFT monitor

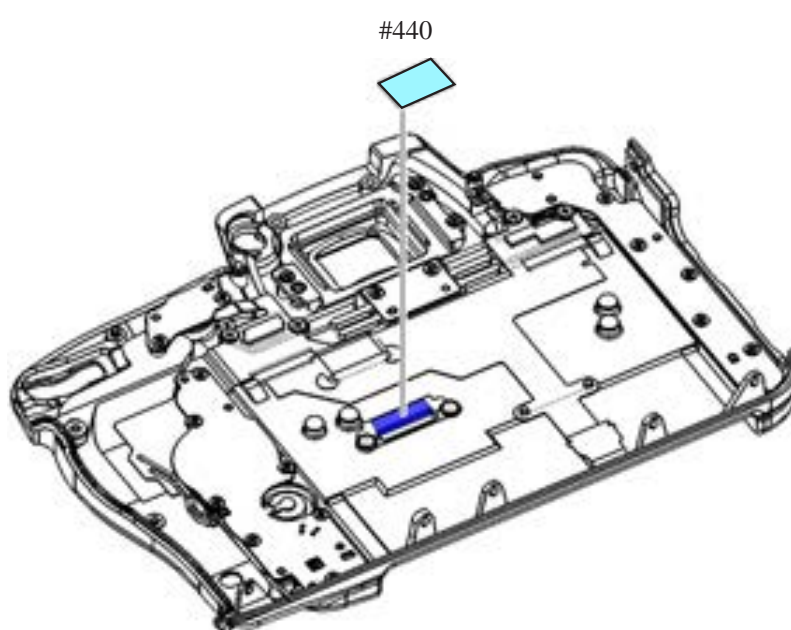
#172	Cover
#180	Rubber



#B014	TFT monitor unit
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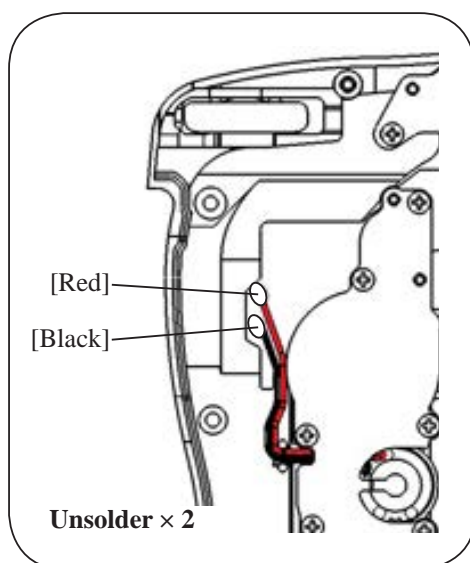


#440	Sheet
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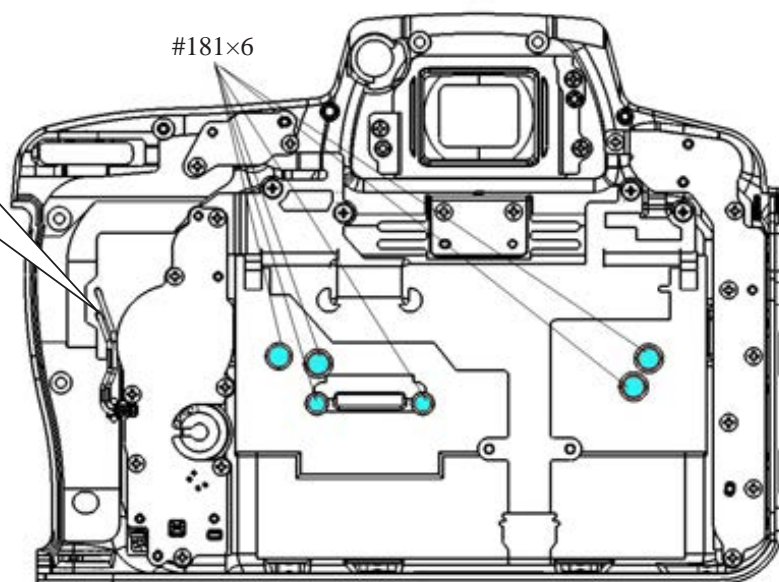


Rear FPC unit

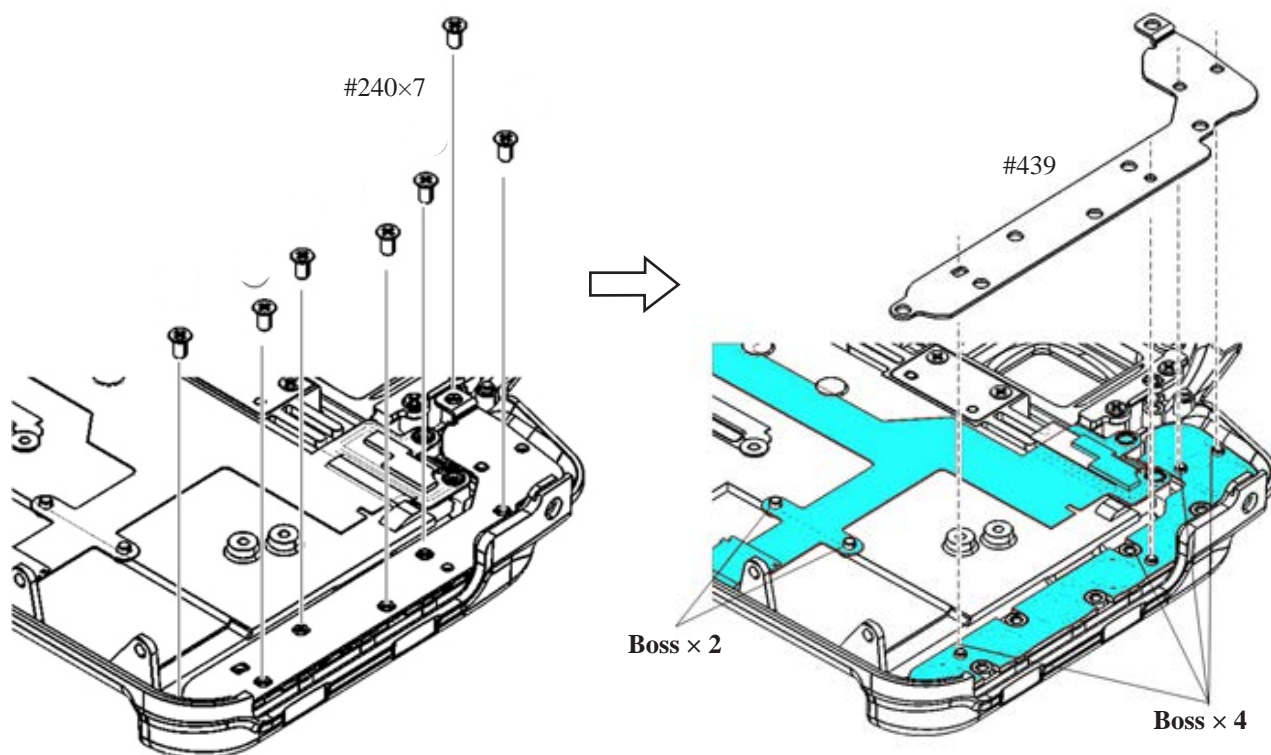
#181 Tape

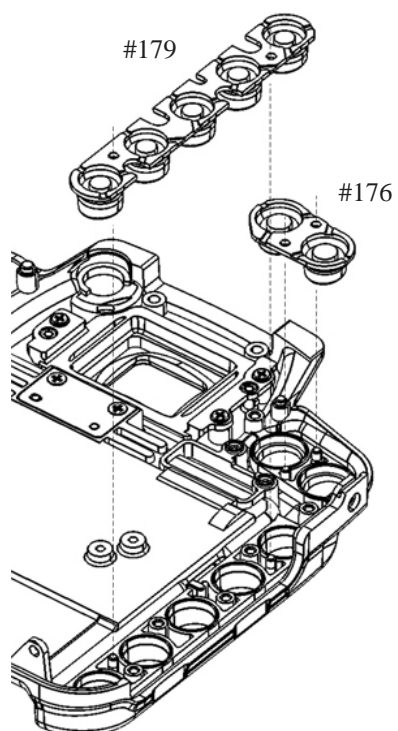


Do NOT reuse the removed tape

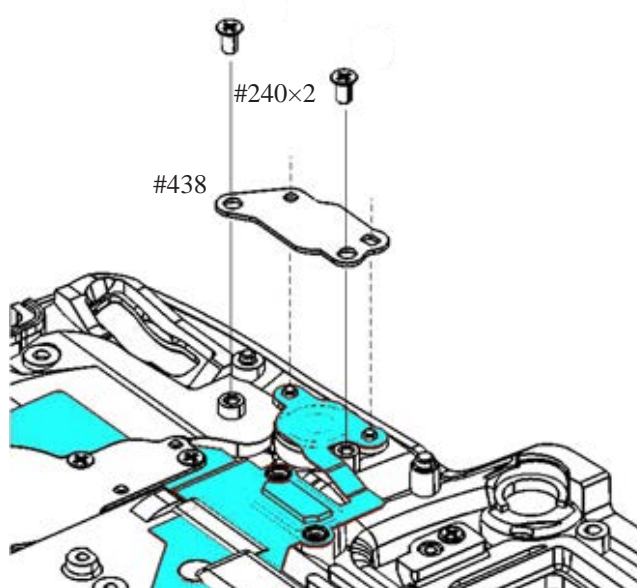


#439 Retainer plate

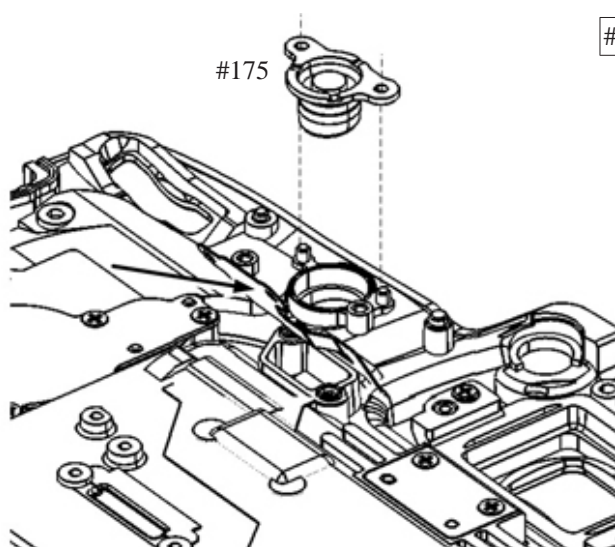




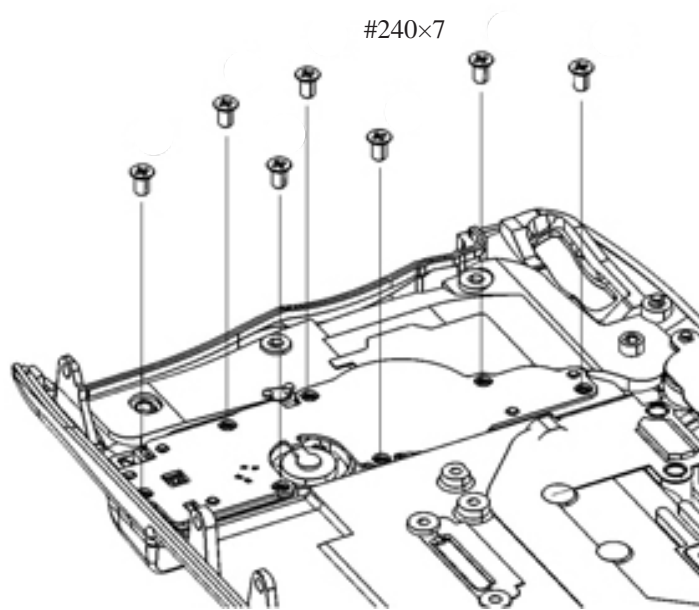
#176	button
#179	button



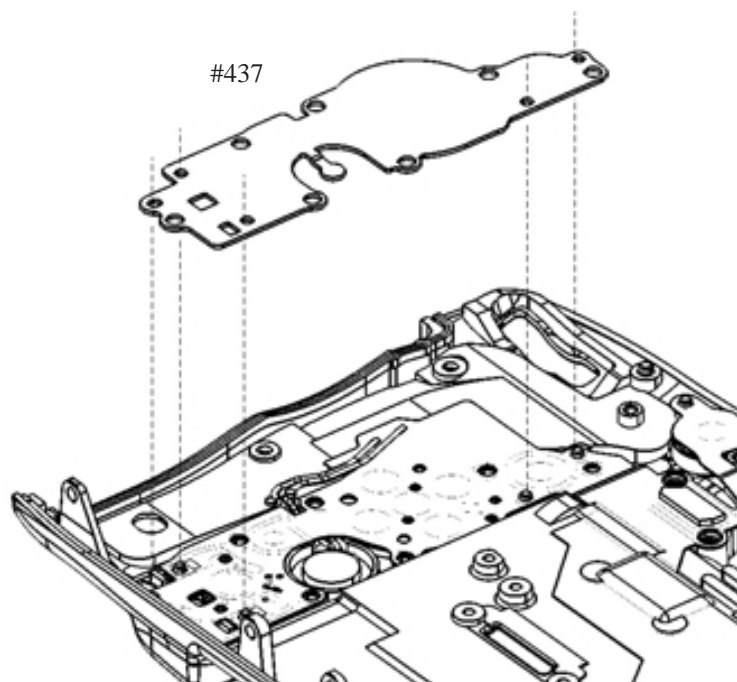
#438	Retainer plate
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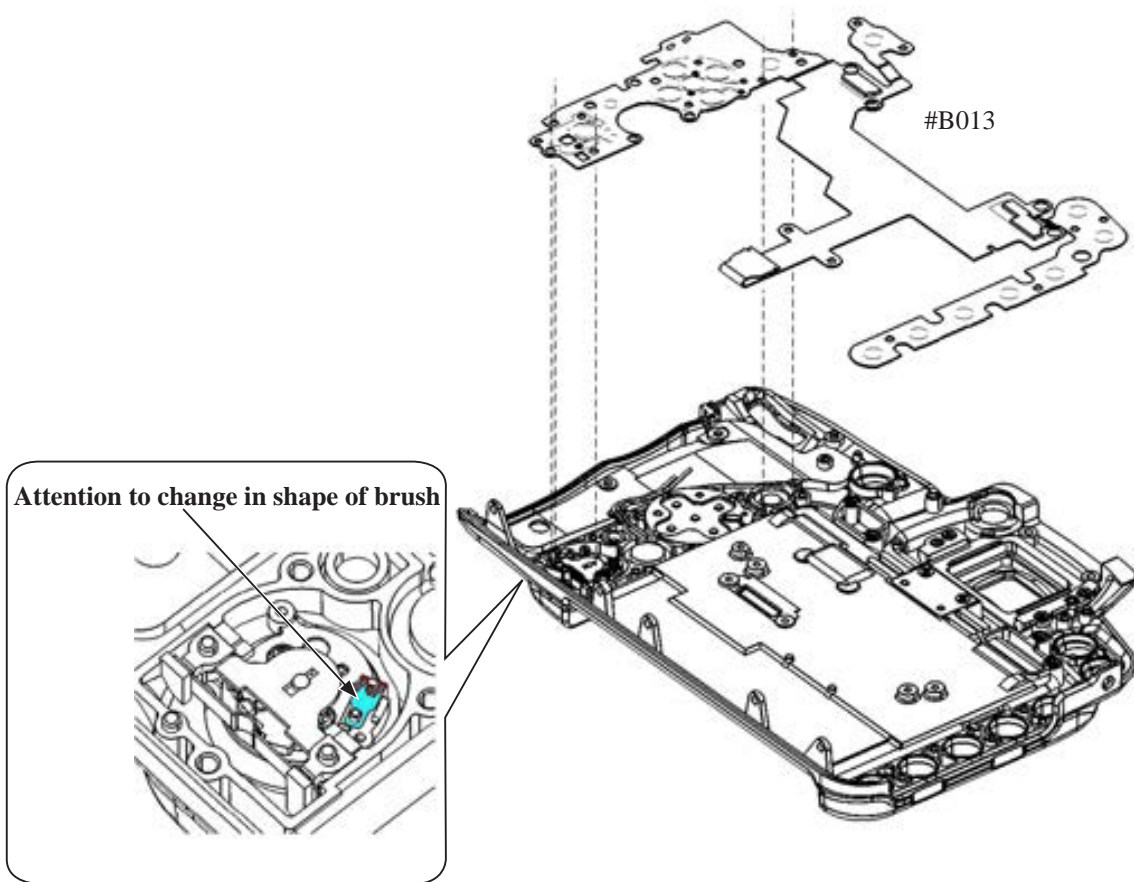
#175	AE-L button
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#437	Retainer plate
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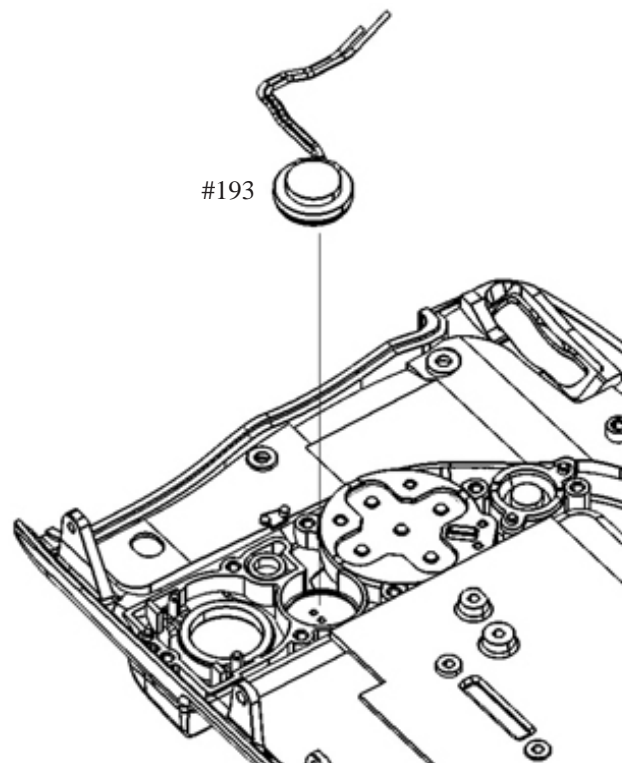


#B013	Rear FPC unit
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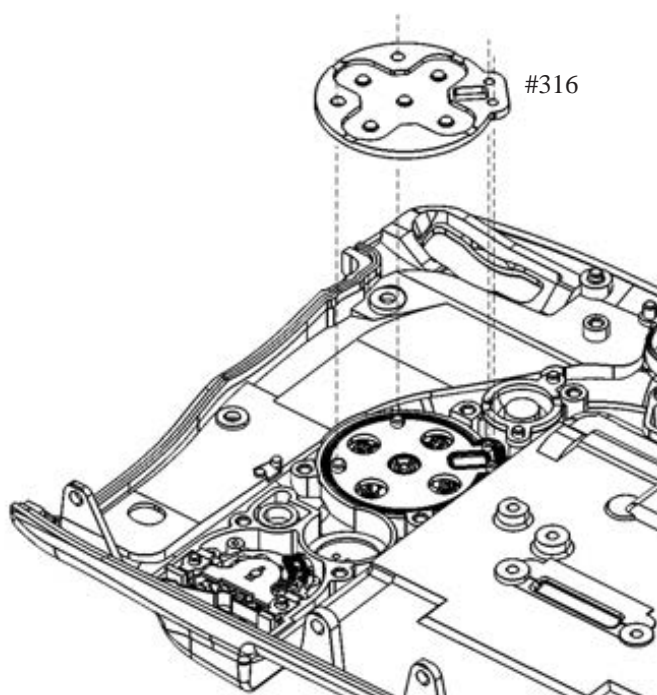


Speaker

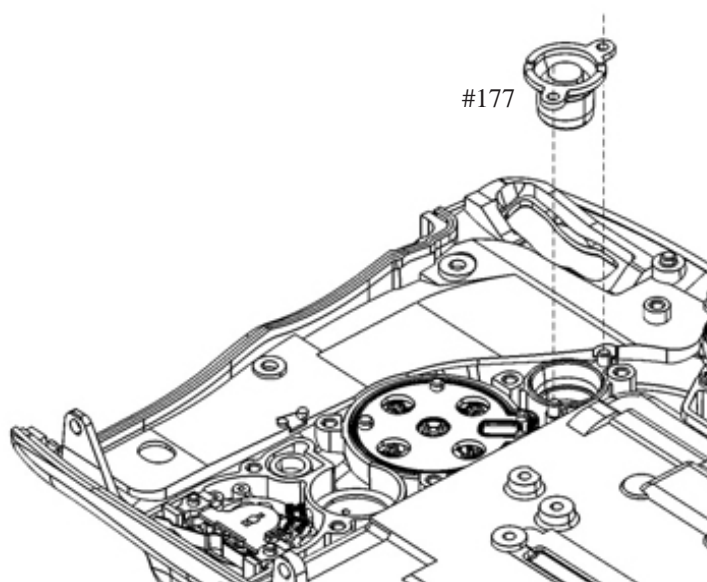
#193	Speaker
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#316	Rubber
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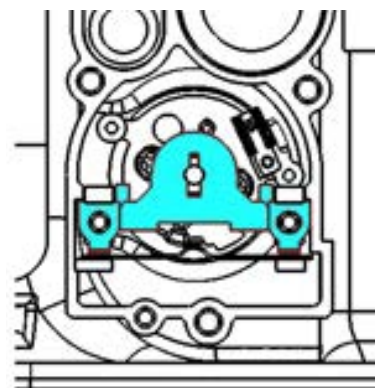
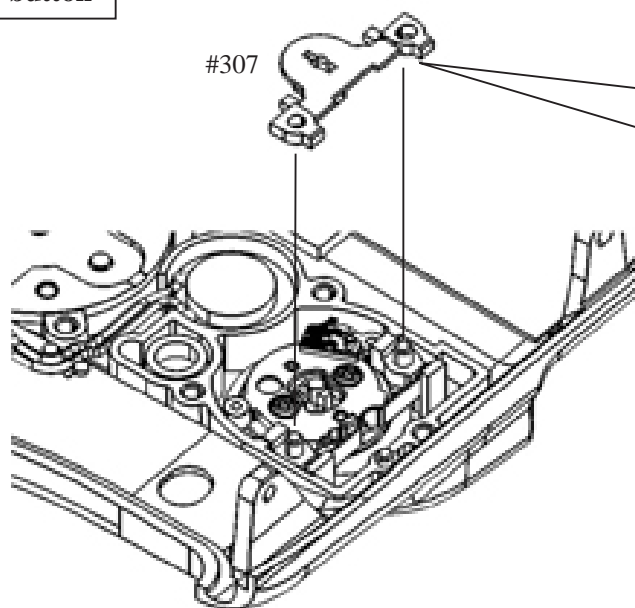


#177	button
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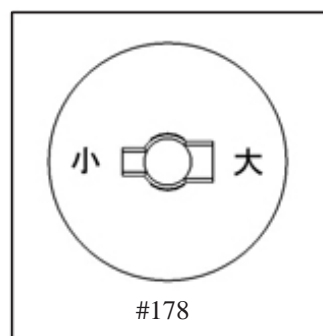
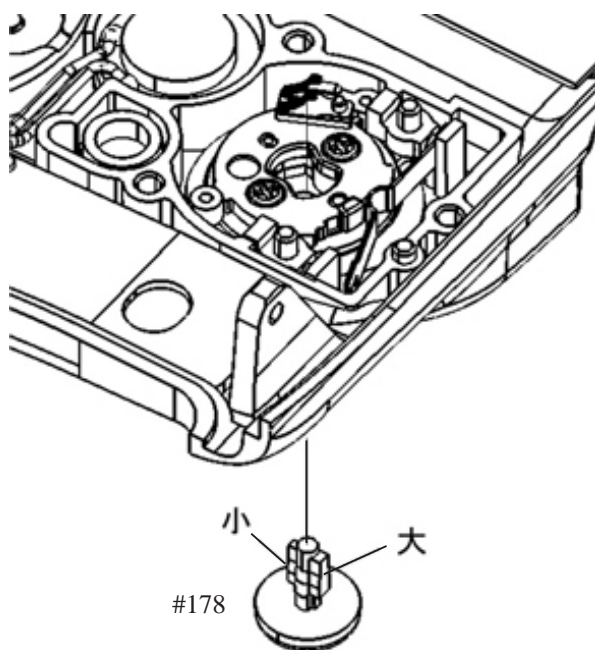
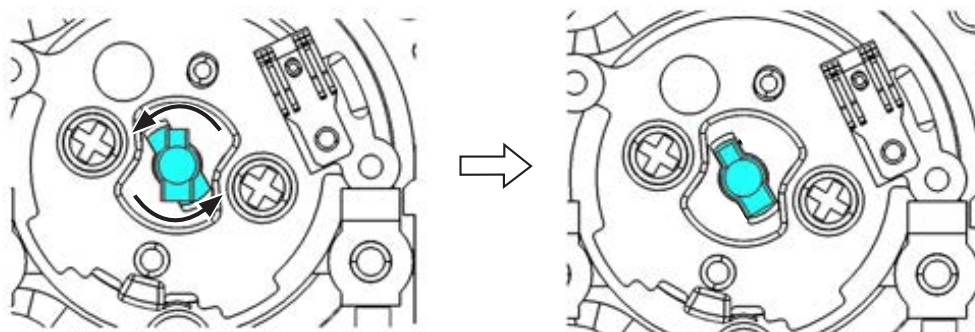


LV button

#307 Retainer plate



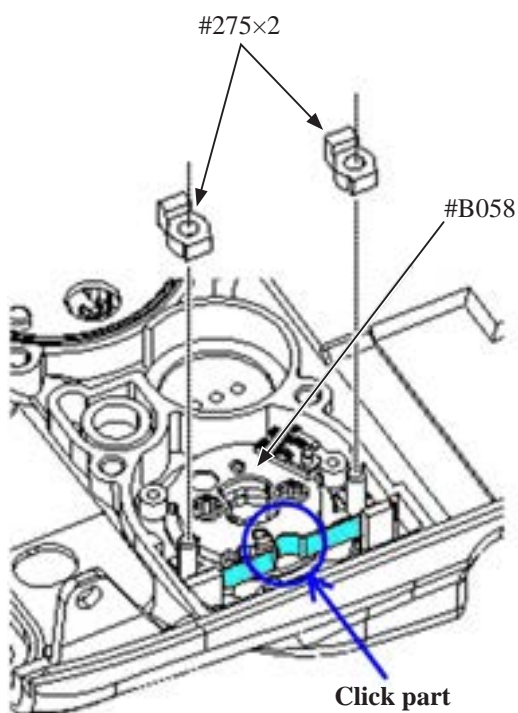
#178 LV button

**Overhead view**

Live view selector

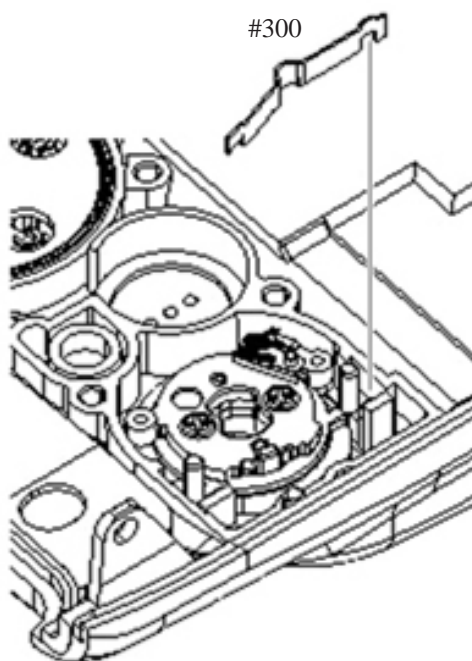
#275

Rubber

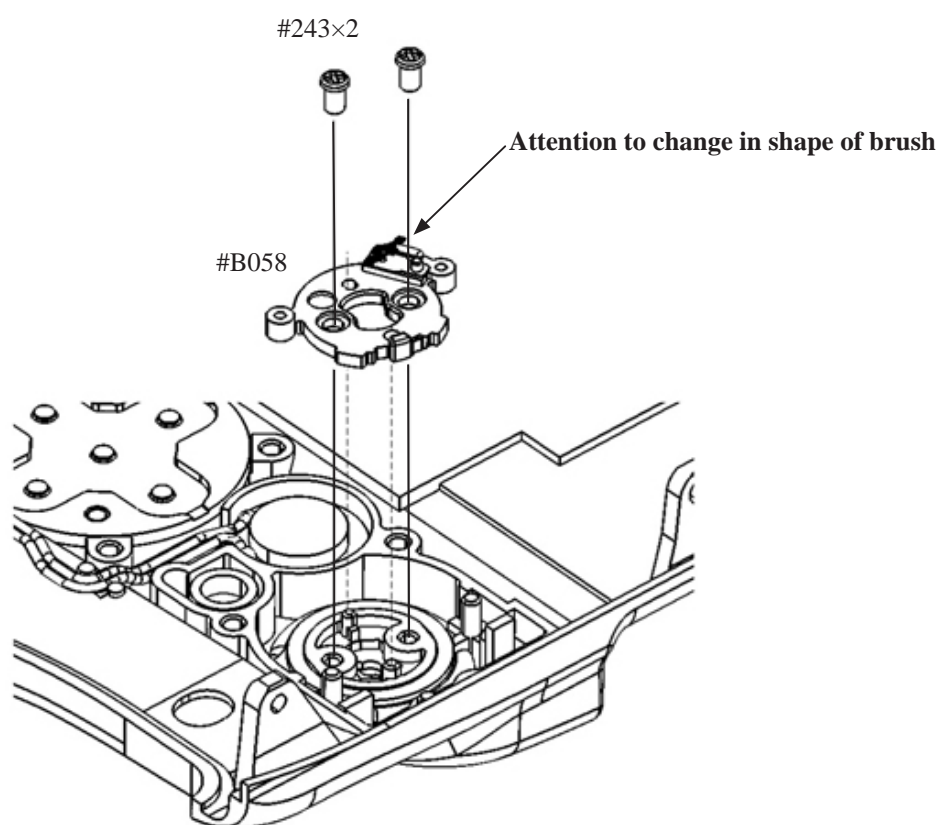


#300

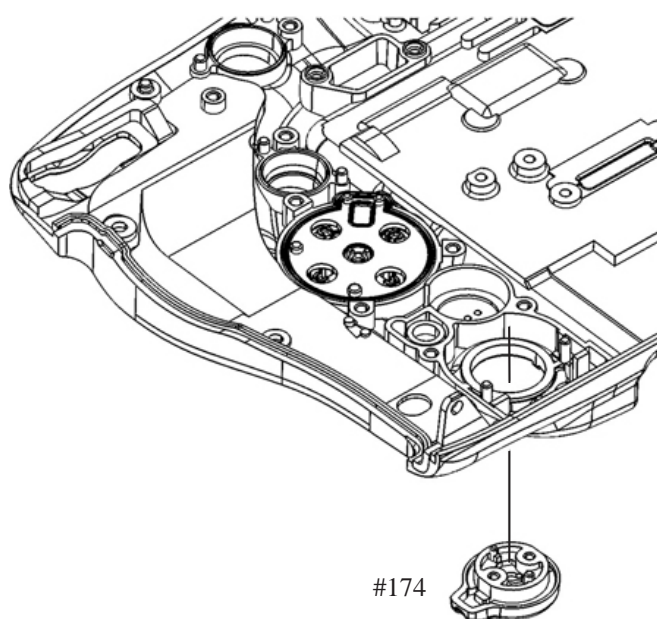
Spring



#B058	LV selector holder
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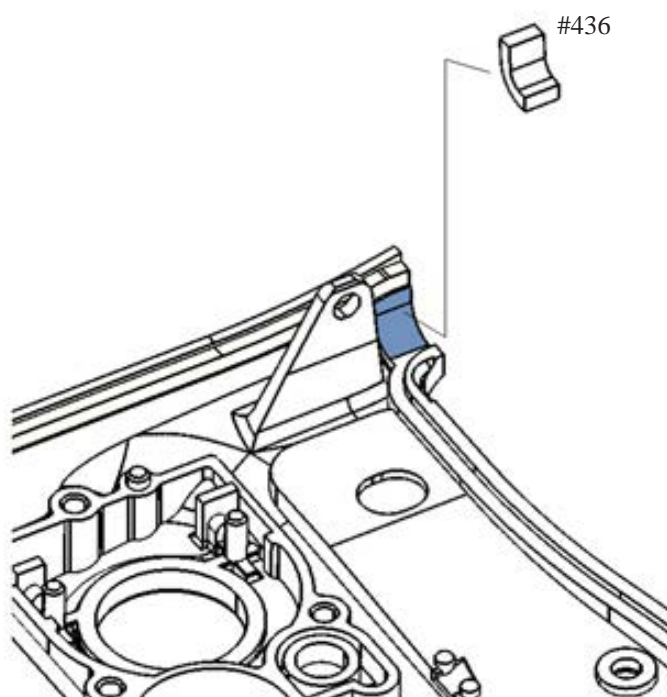


#174	Live view selector
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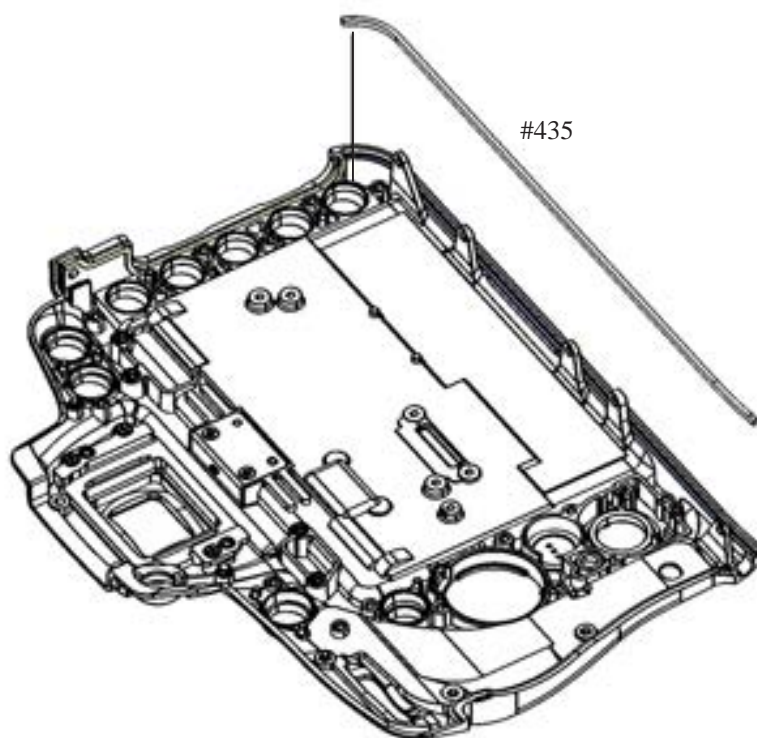


Rear cover

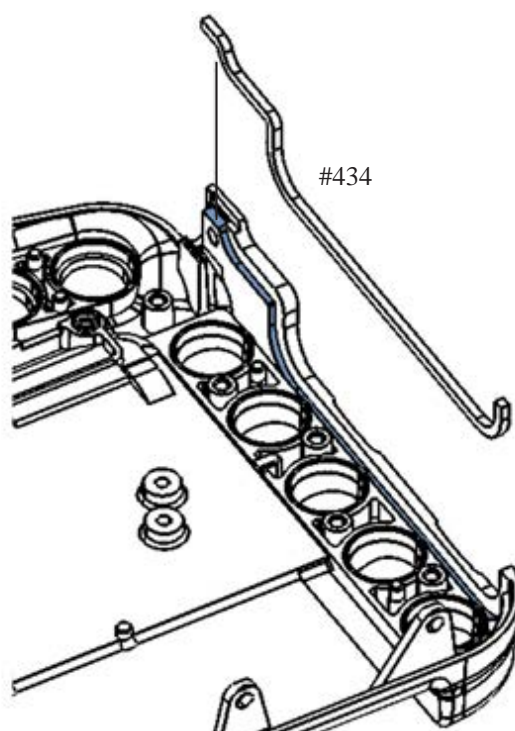
#436	Sponge
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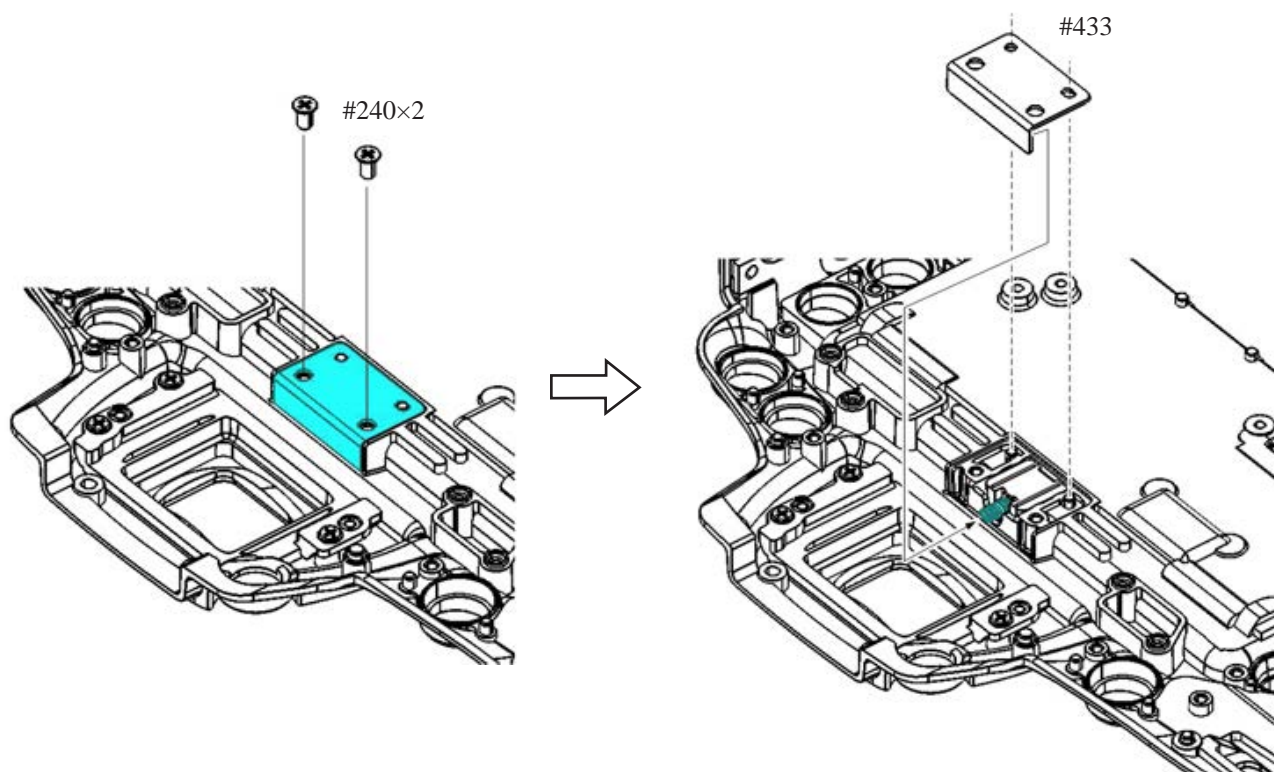
#435	Sponge
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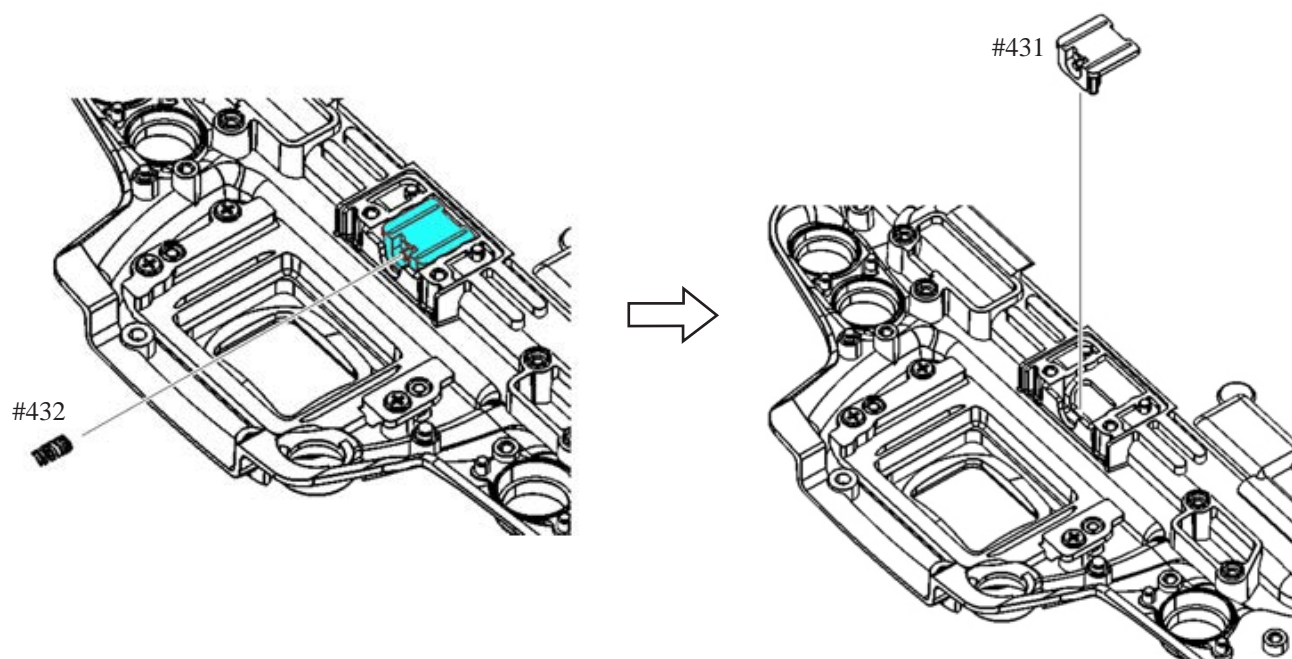
#434	Sponge
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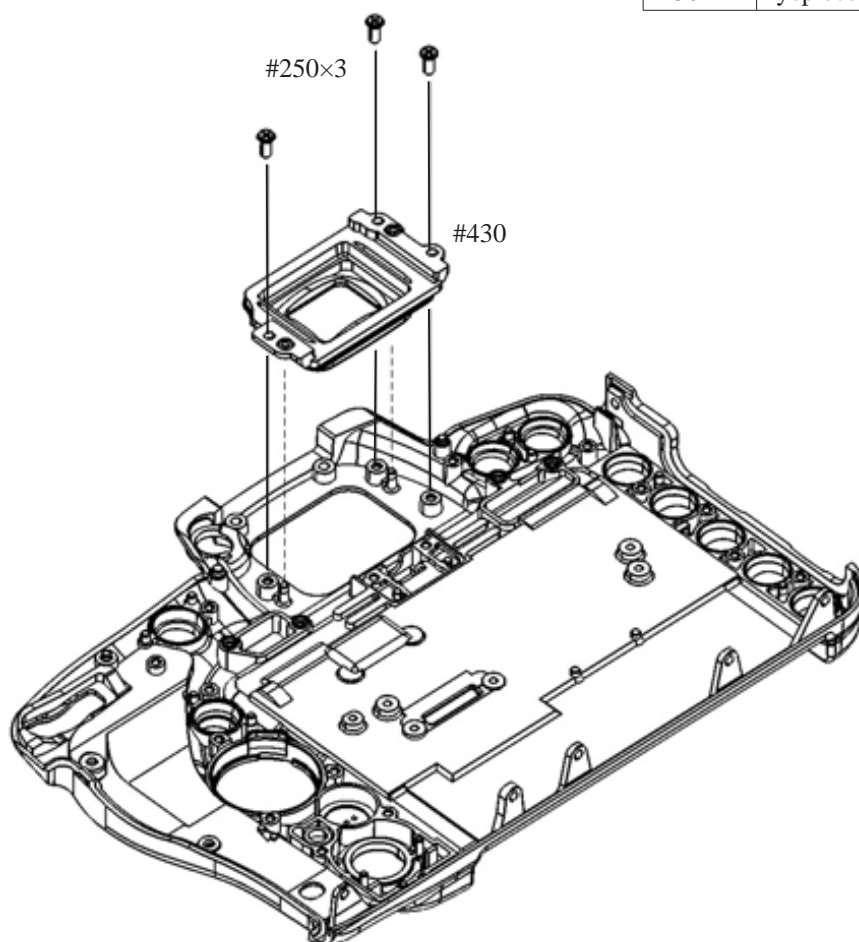
#433	Cover
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#431	Button
#432	Spring

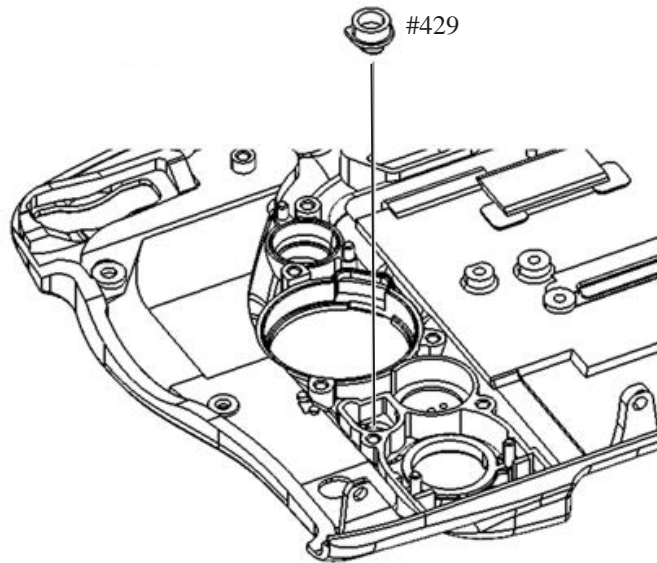


#430	Eyepiece mold
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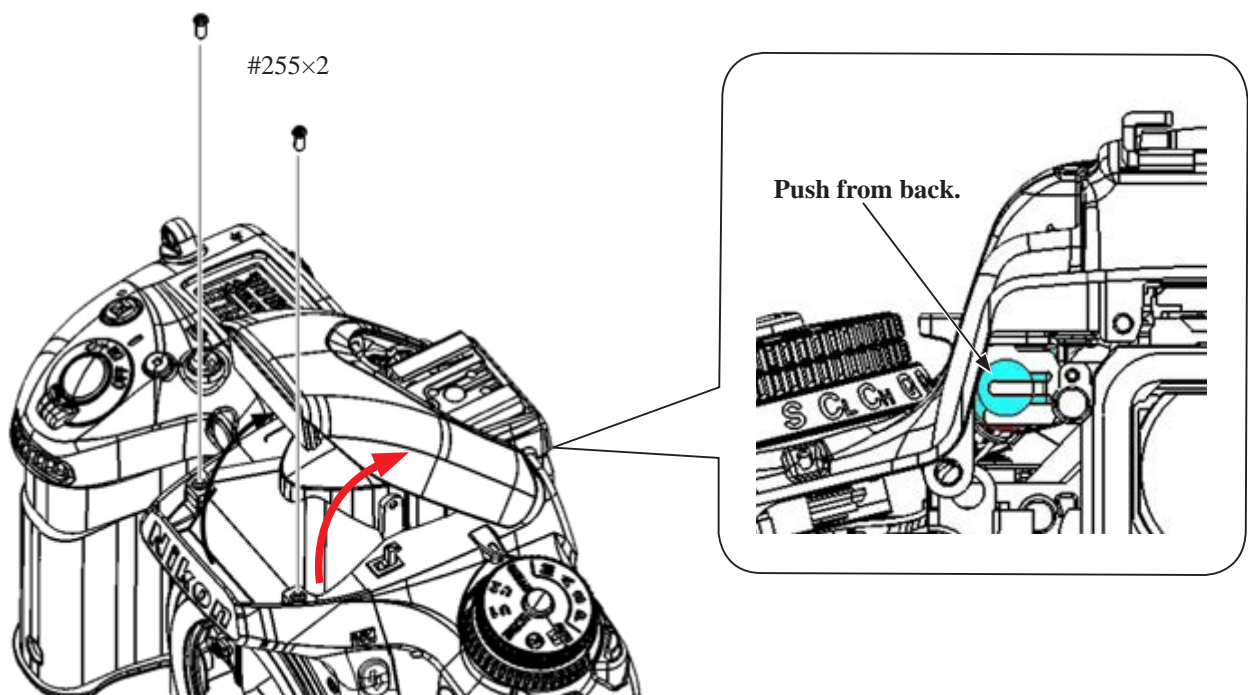
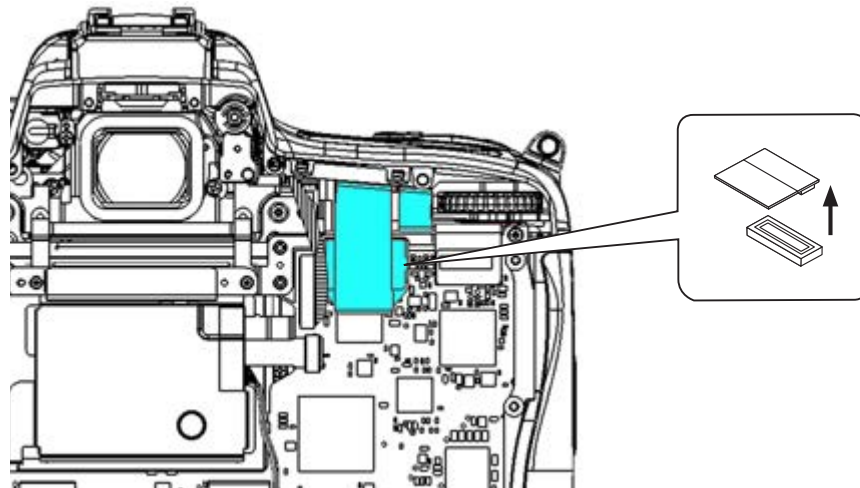
#429

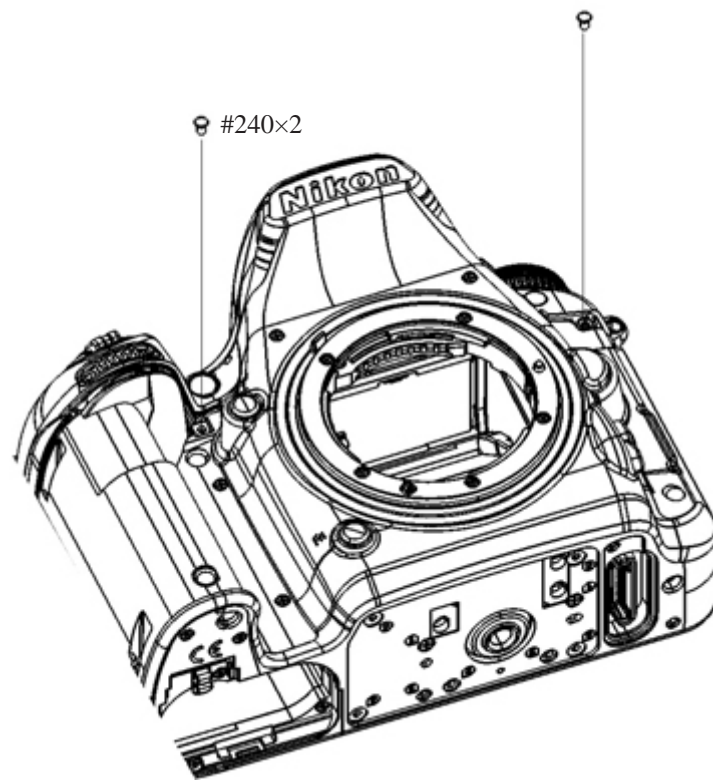
SD access lamp window



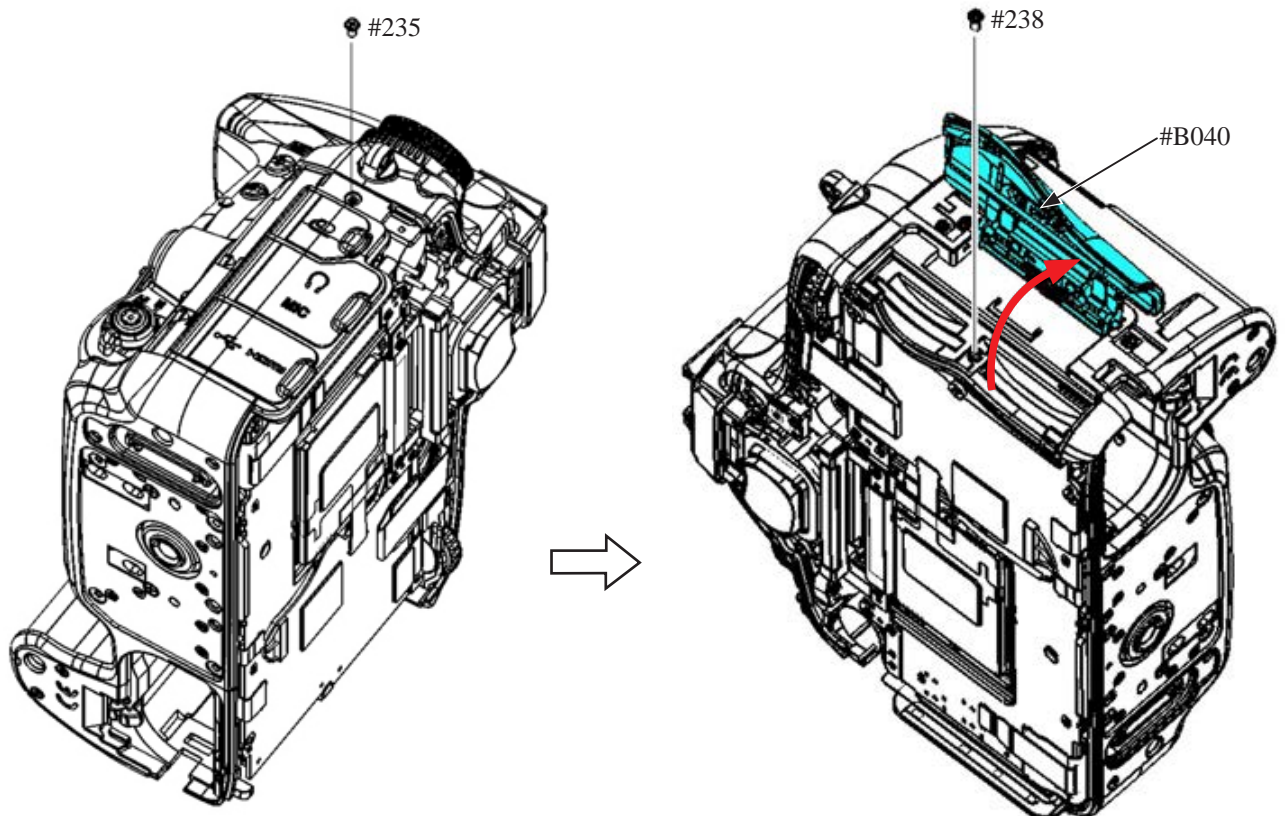
3. Top cover

Top cover

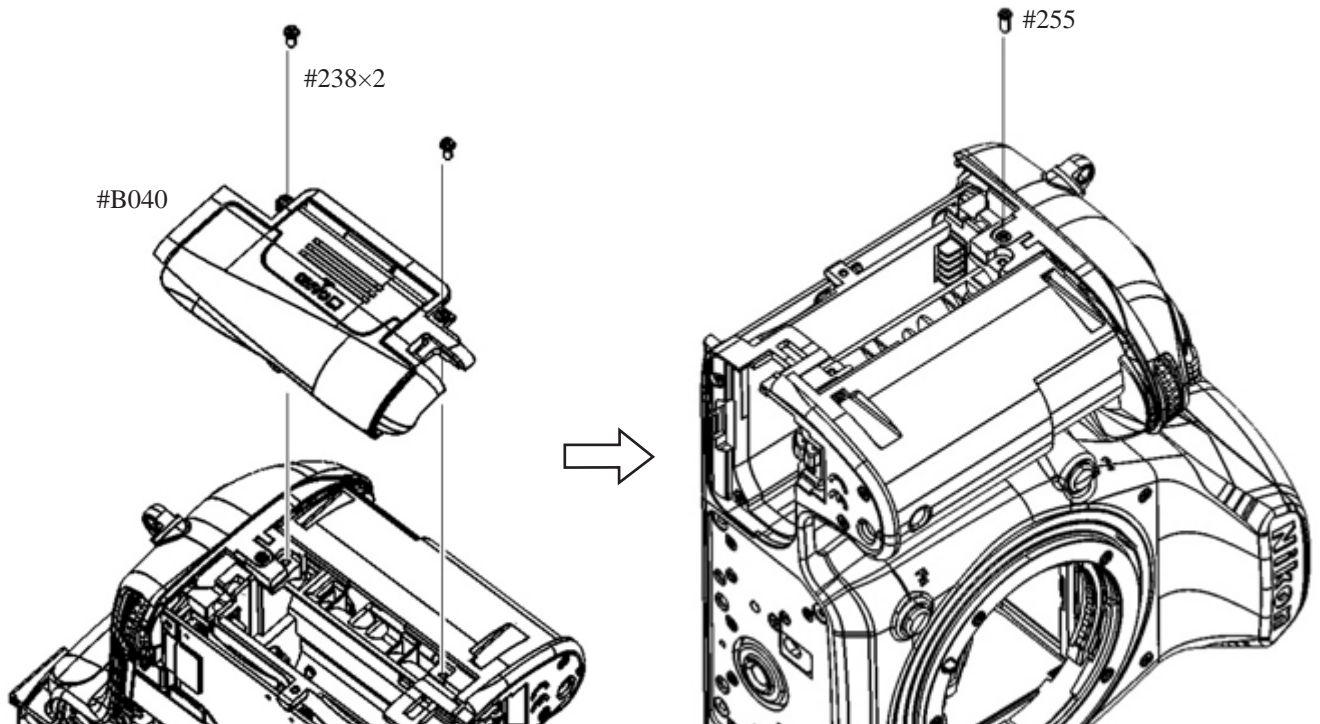




Memory card cover



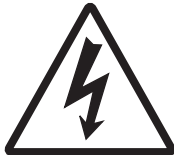
#B040	Memory card cover unit
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Main condenser discharge

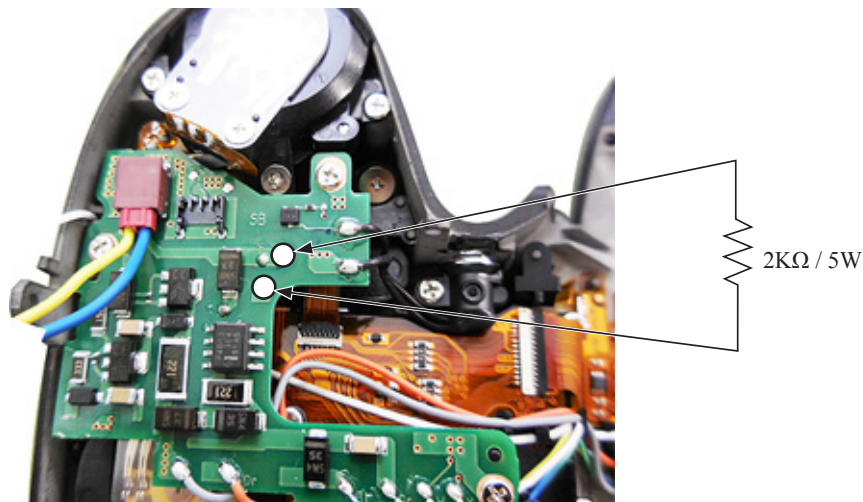


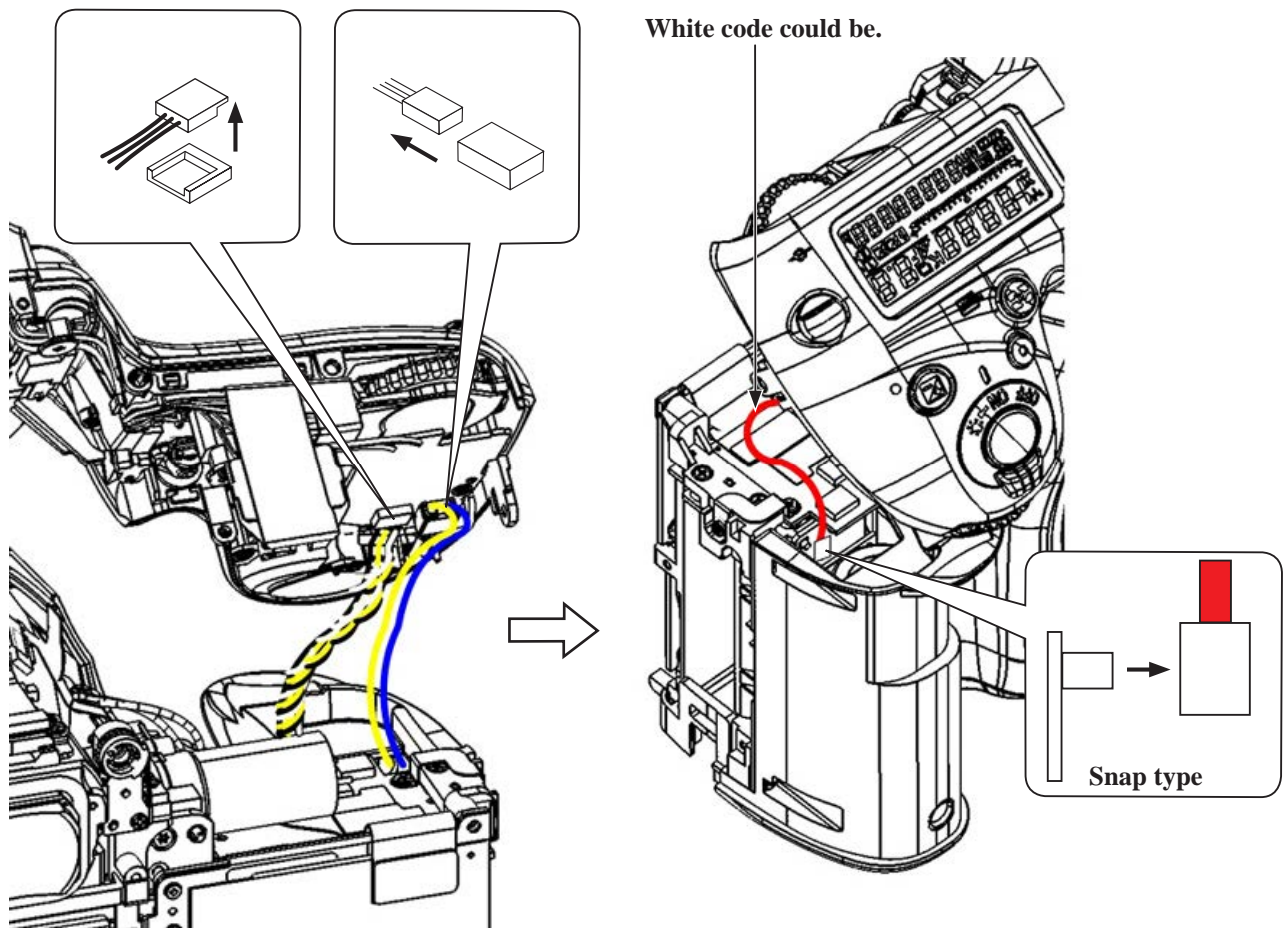
Caution



- There is high-voltage part inside.
Be careful with electric shock when removing cover.
- After removing cover, make sure to discharge main condenser in accordance with repair manual.

Top cover (reverse side)

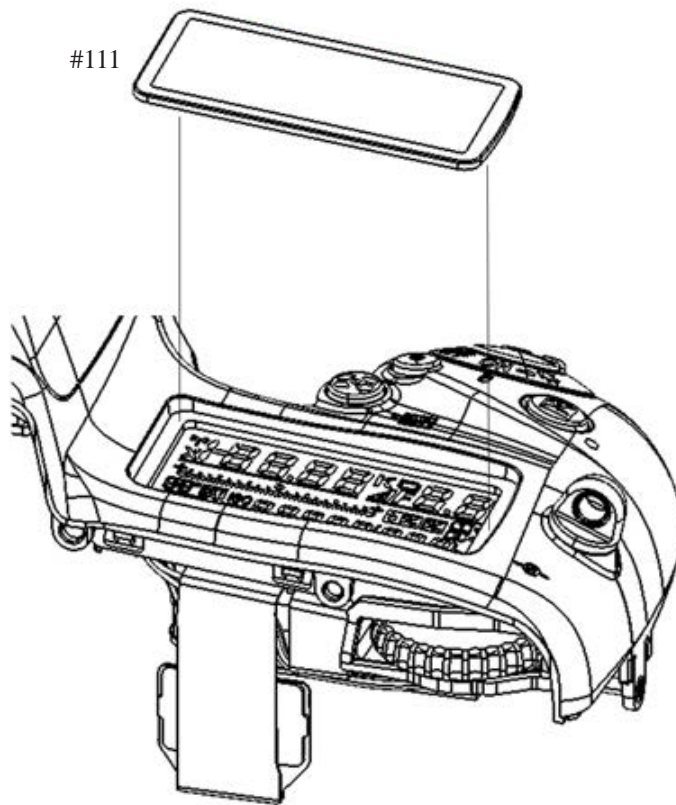
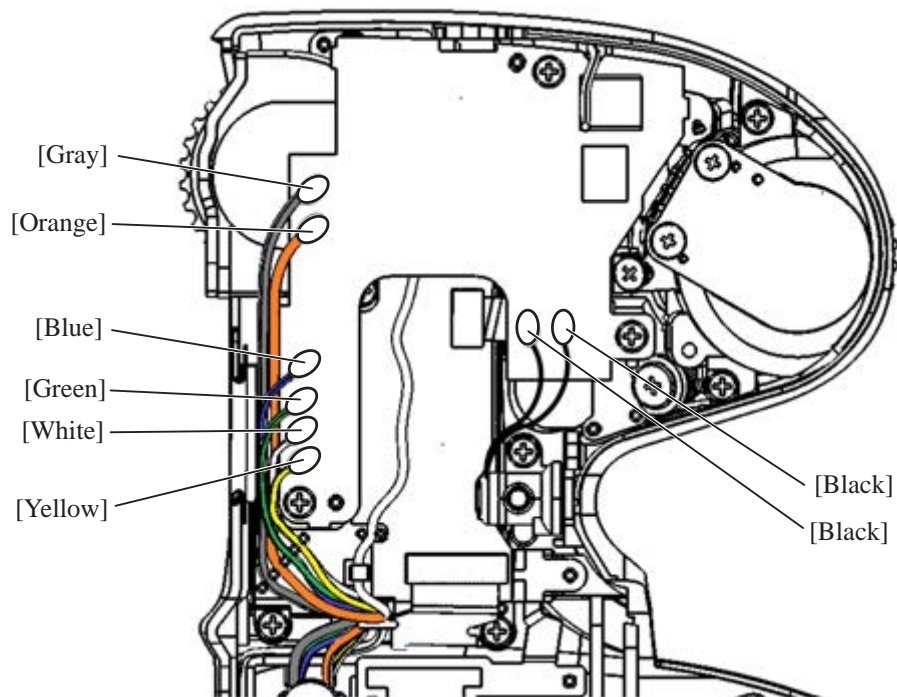




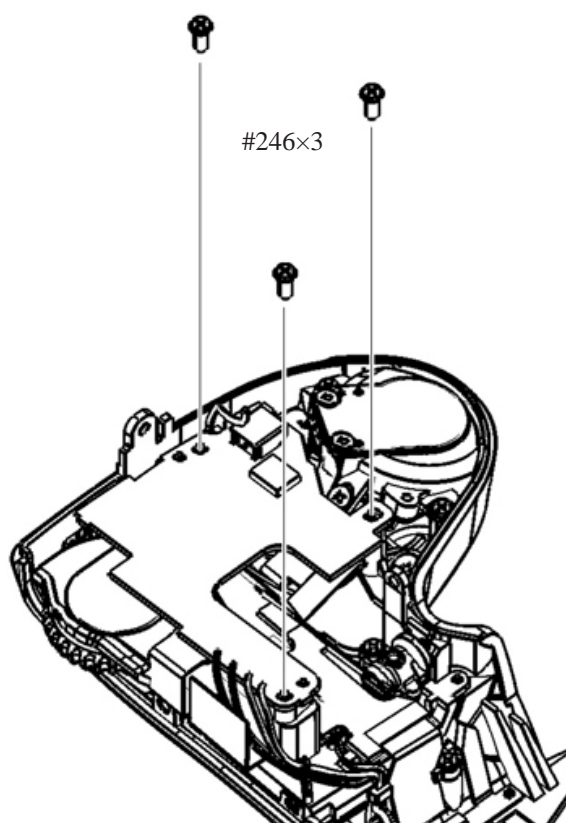
LCD window

#111

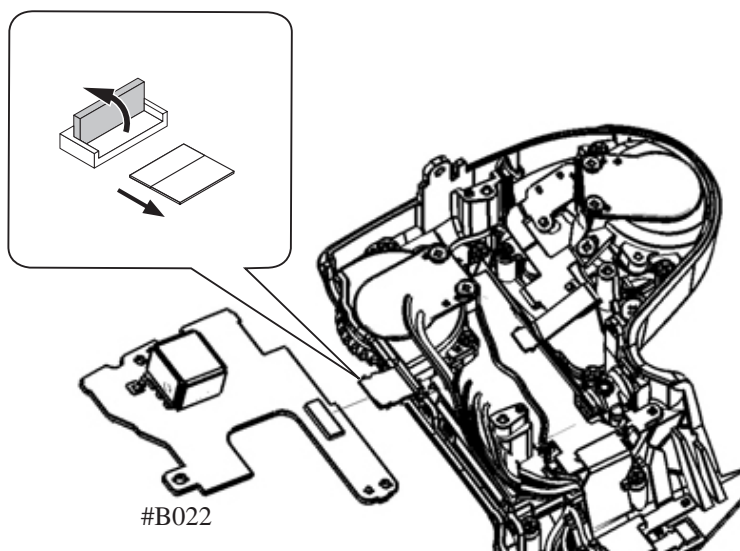
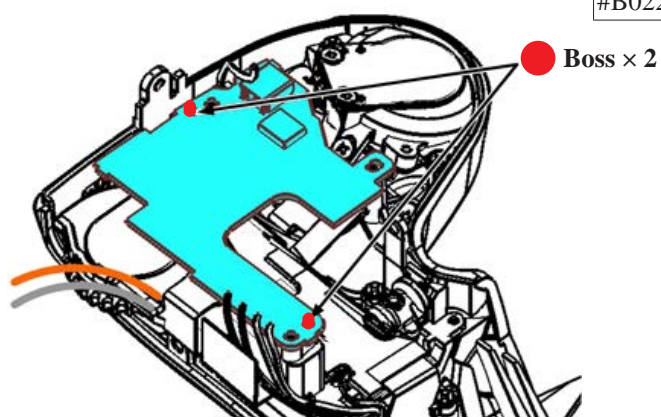
LCD window

**SB PCB**

Unsolder × 8

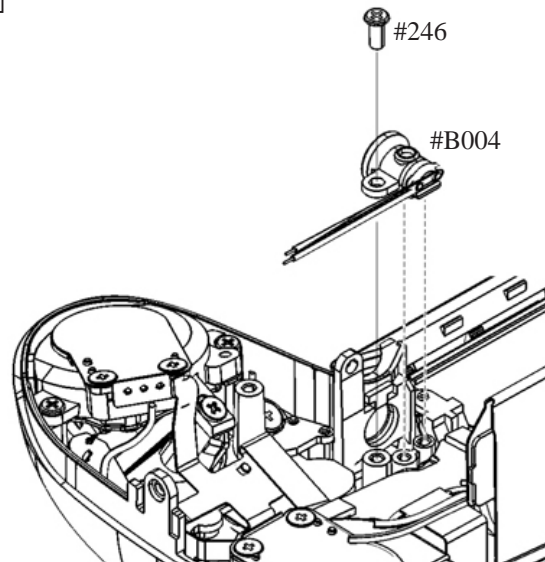


#B022	SB PCB unit
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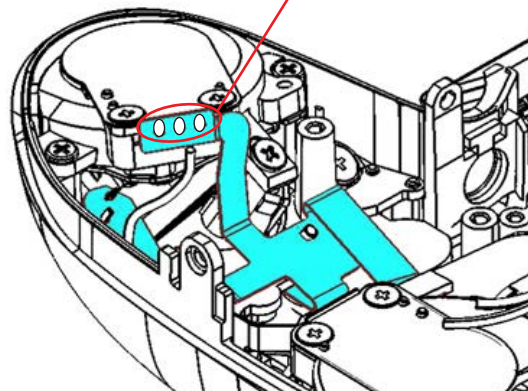


AF assist lamp unit

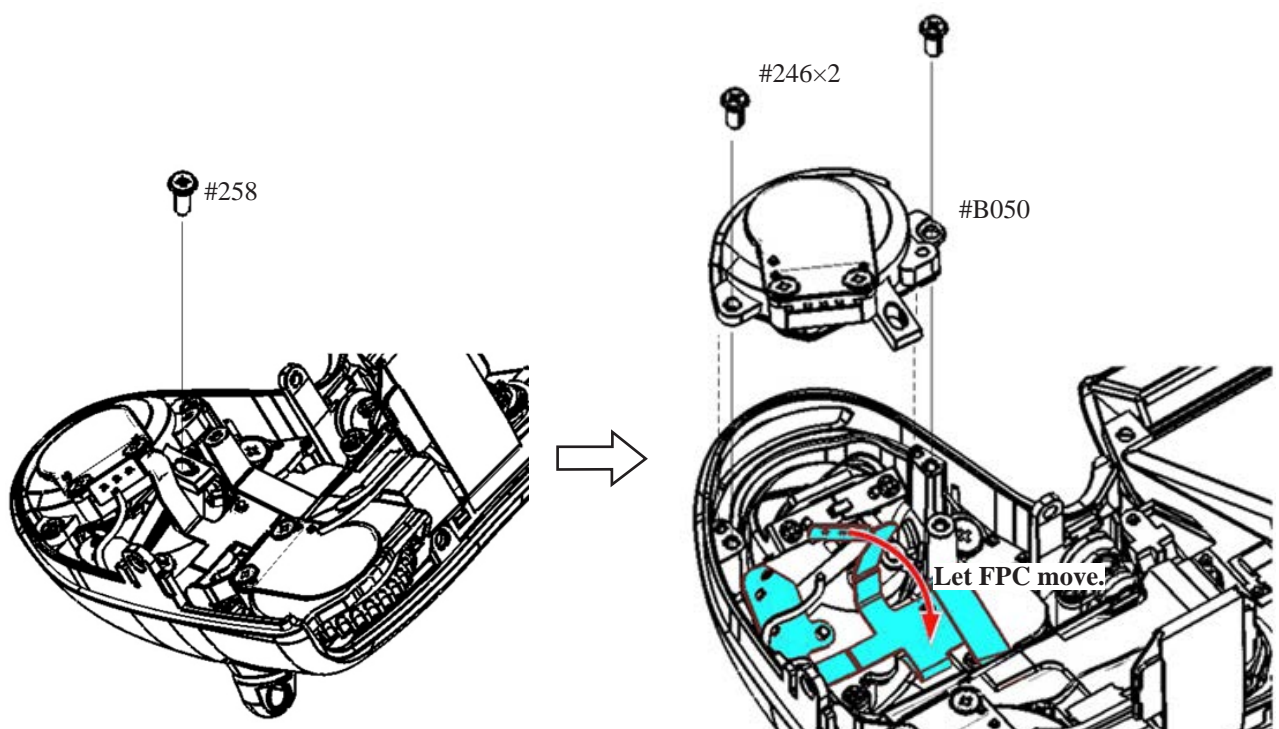
#B004 AF assist lamp unit



Front command dial

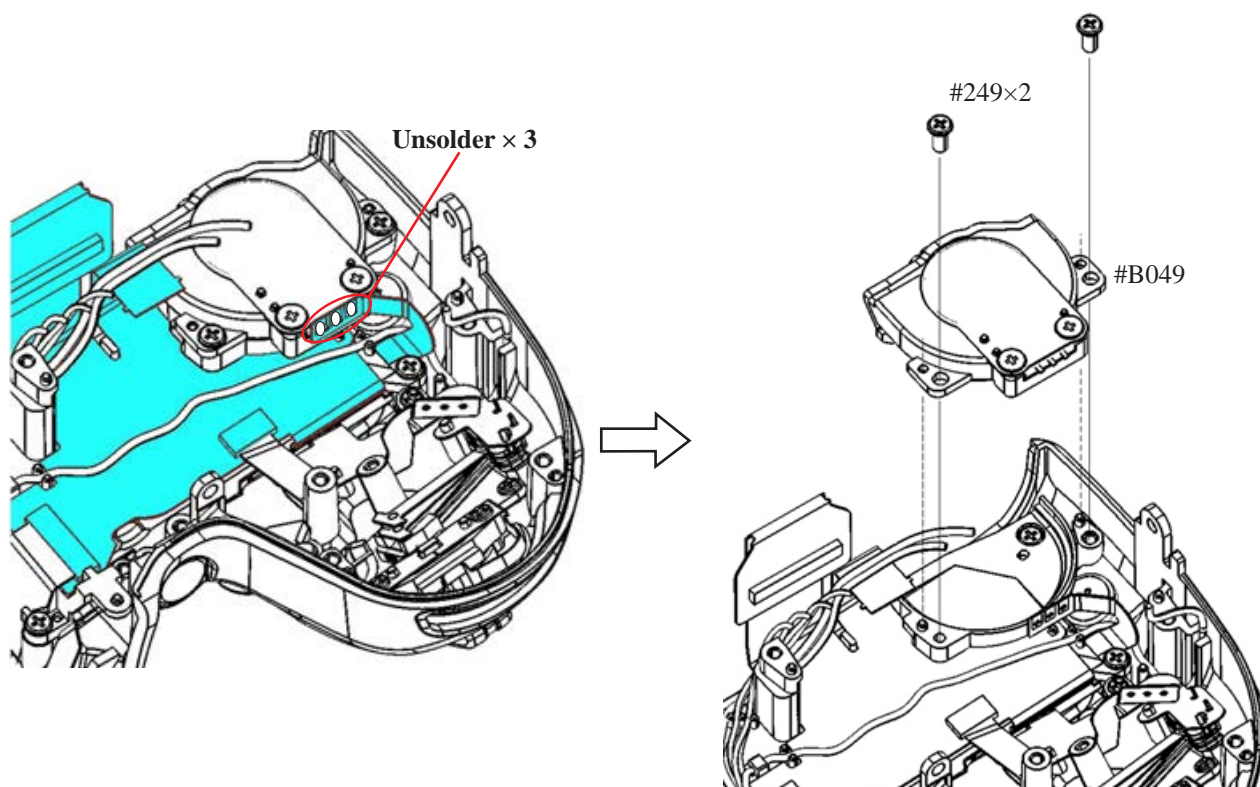
Unsolder $\times 3$ 

#B050 Sub command dial unit

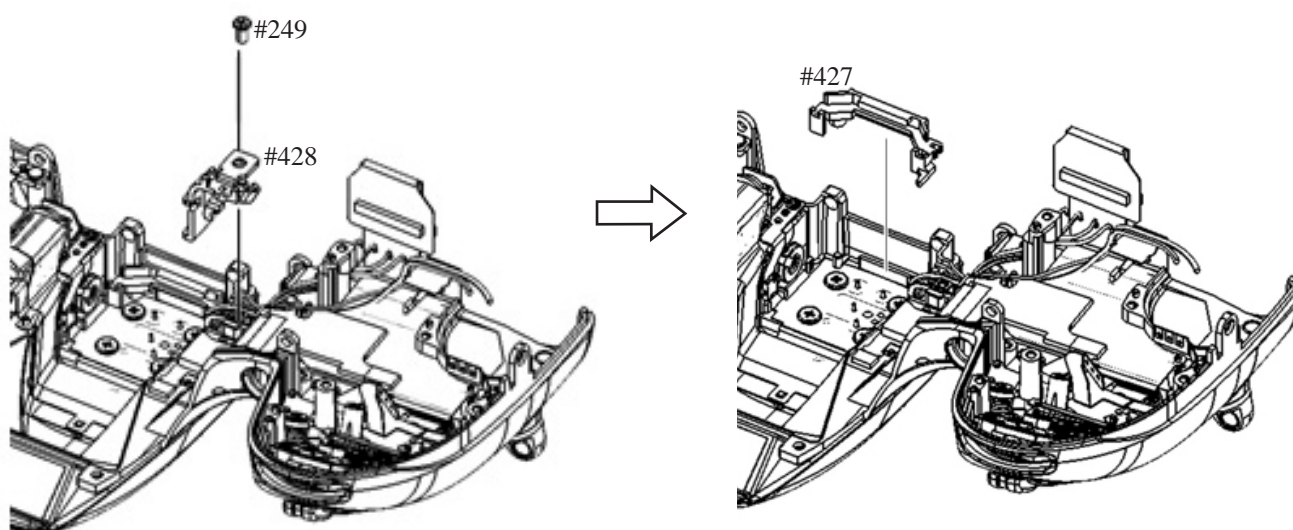


Main command dial

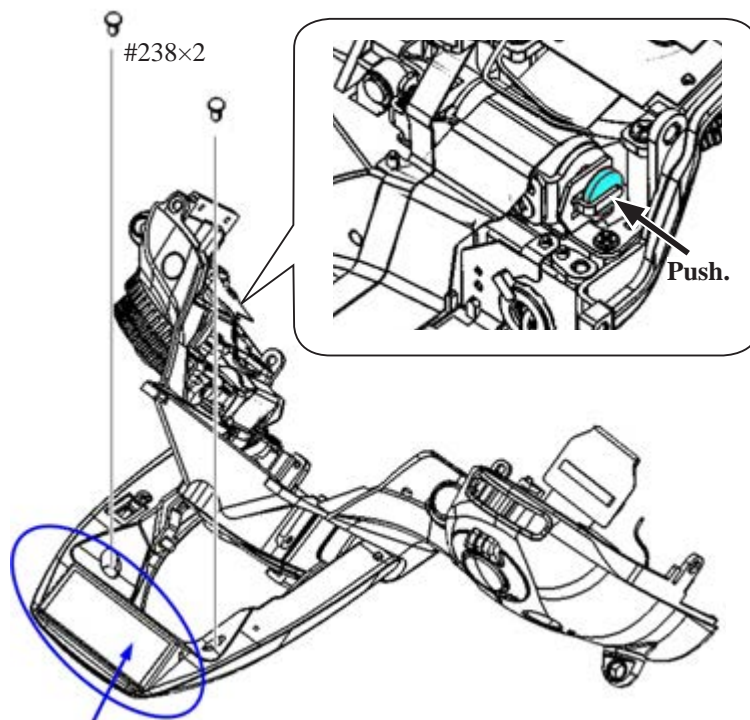
#B049	Main command dial unit
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#427	Mold
#428	Mold

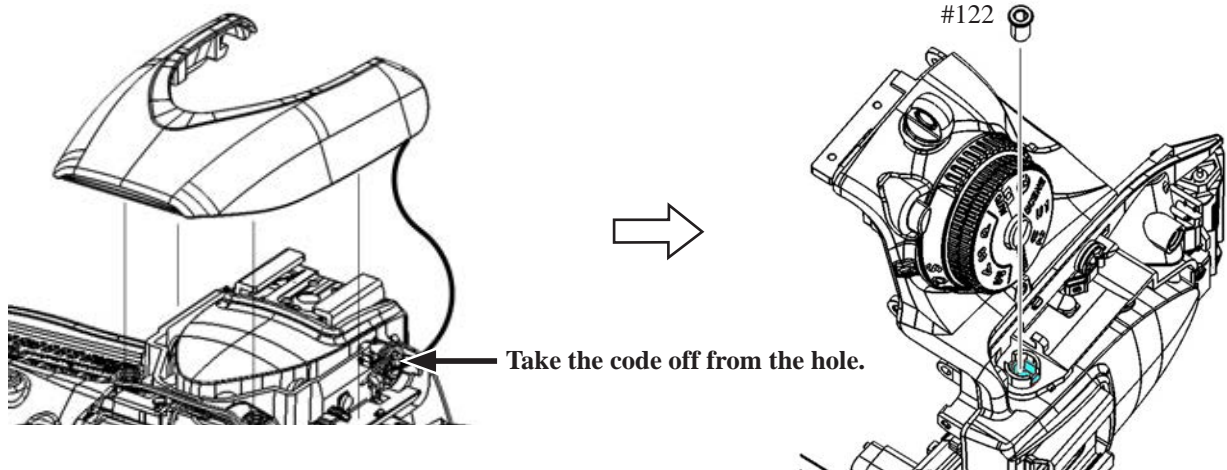


SB top case



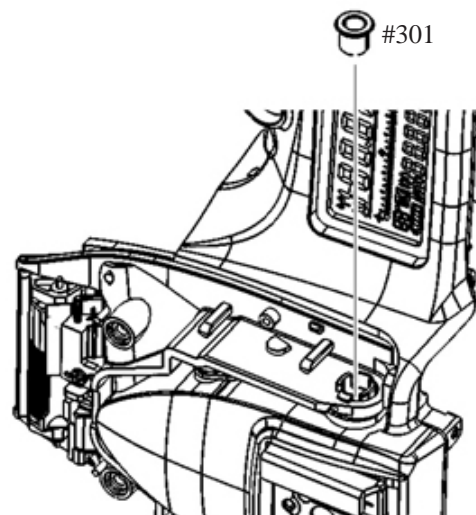
Operate, pushing for prevention of remove.

#122	Shaft
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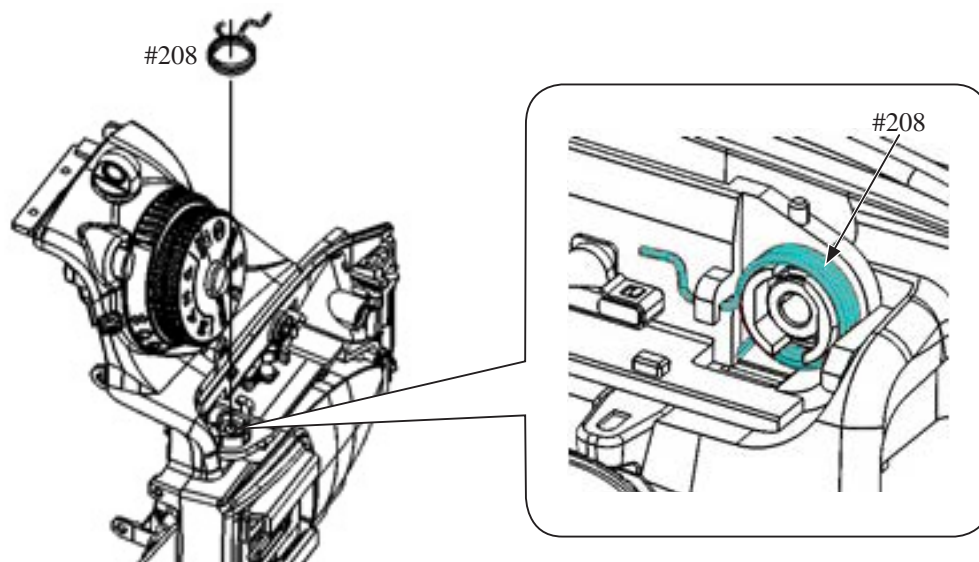


SB bottom case

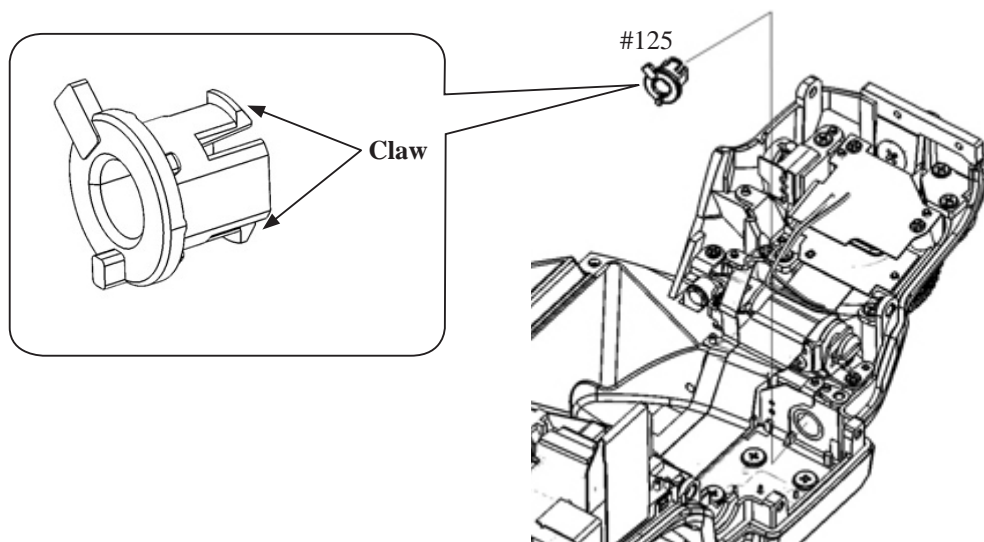
#301	Roller
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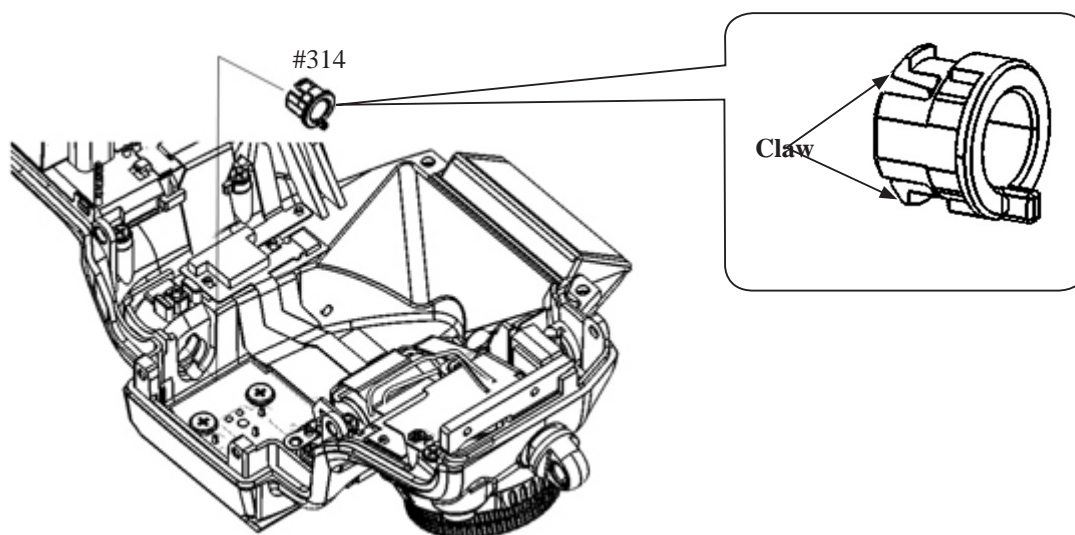
#208	Spring
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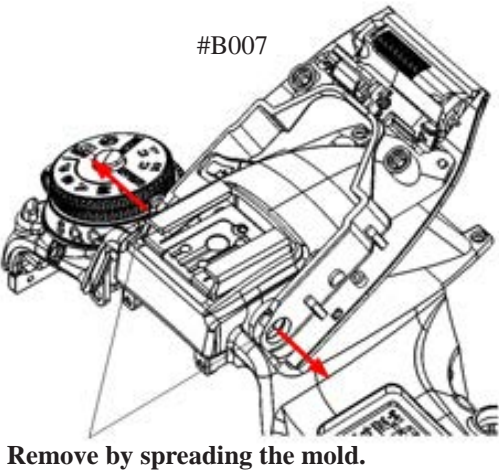
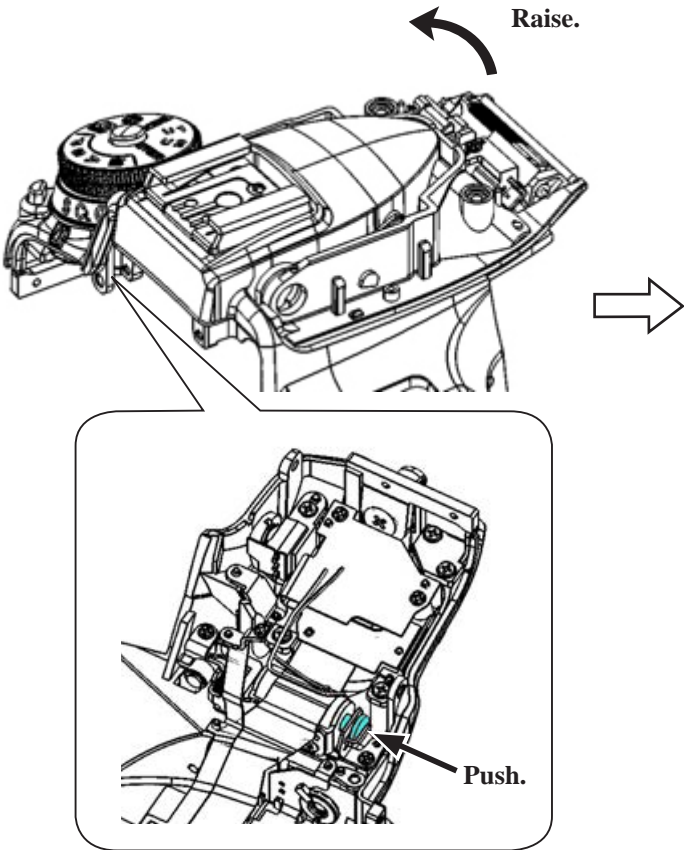
#125	Collar
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#314	Collar
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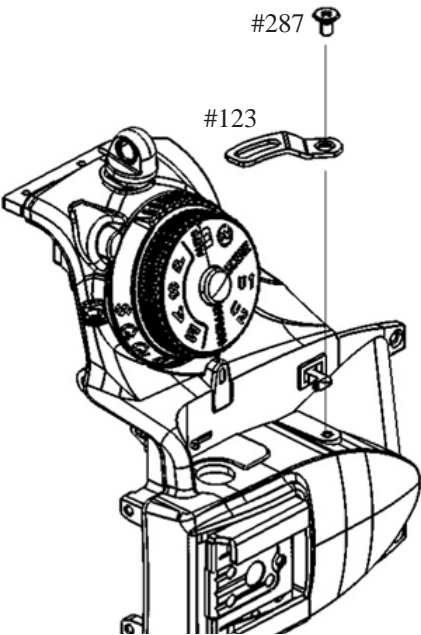
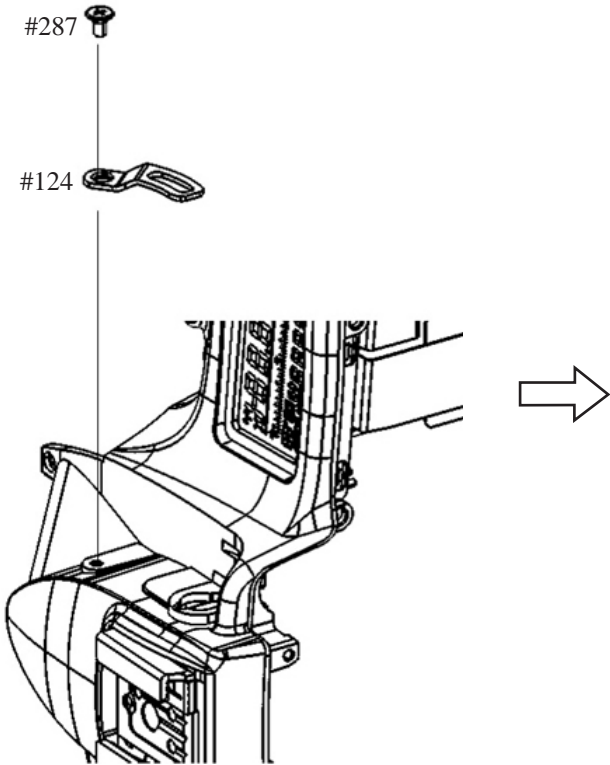


#B007	SB lower cover unit
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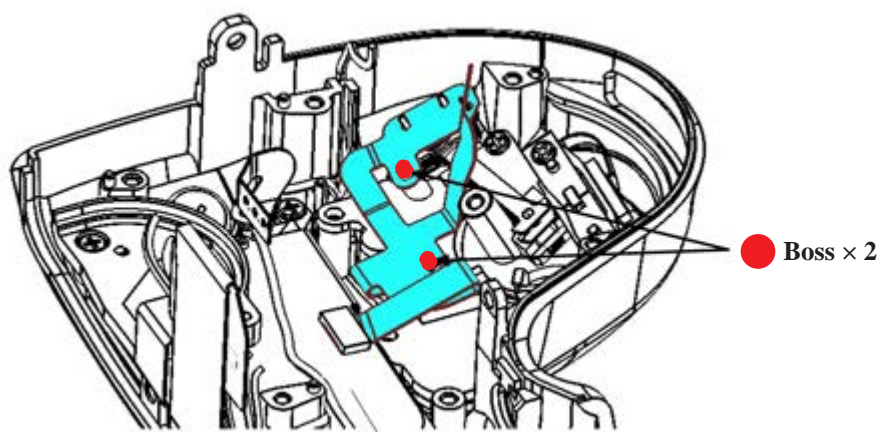
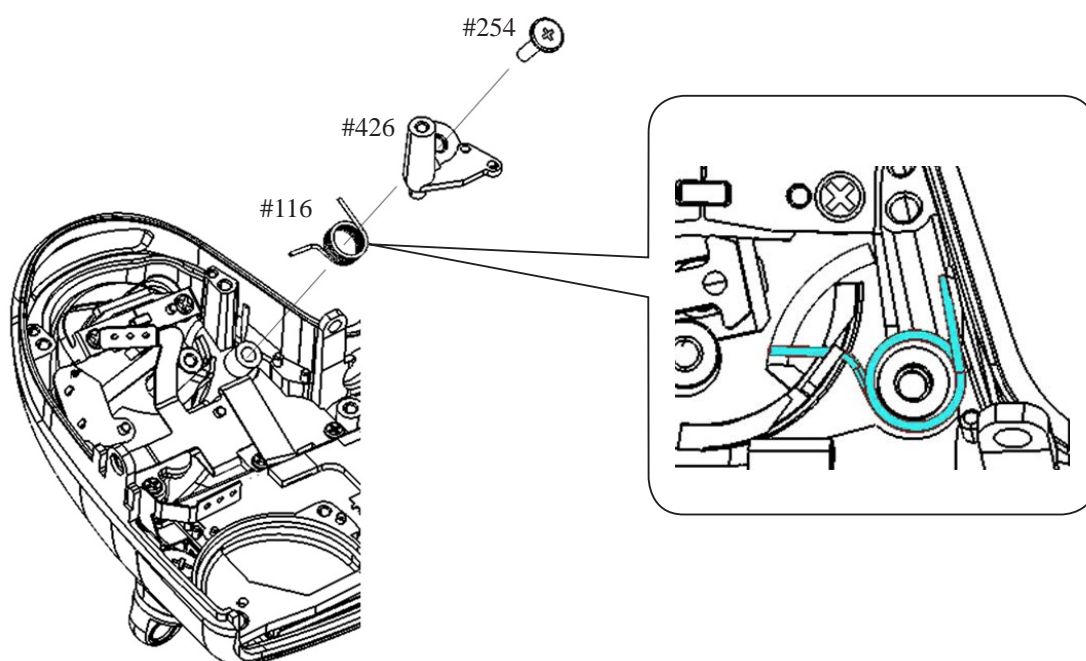
SB pop-up arm

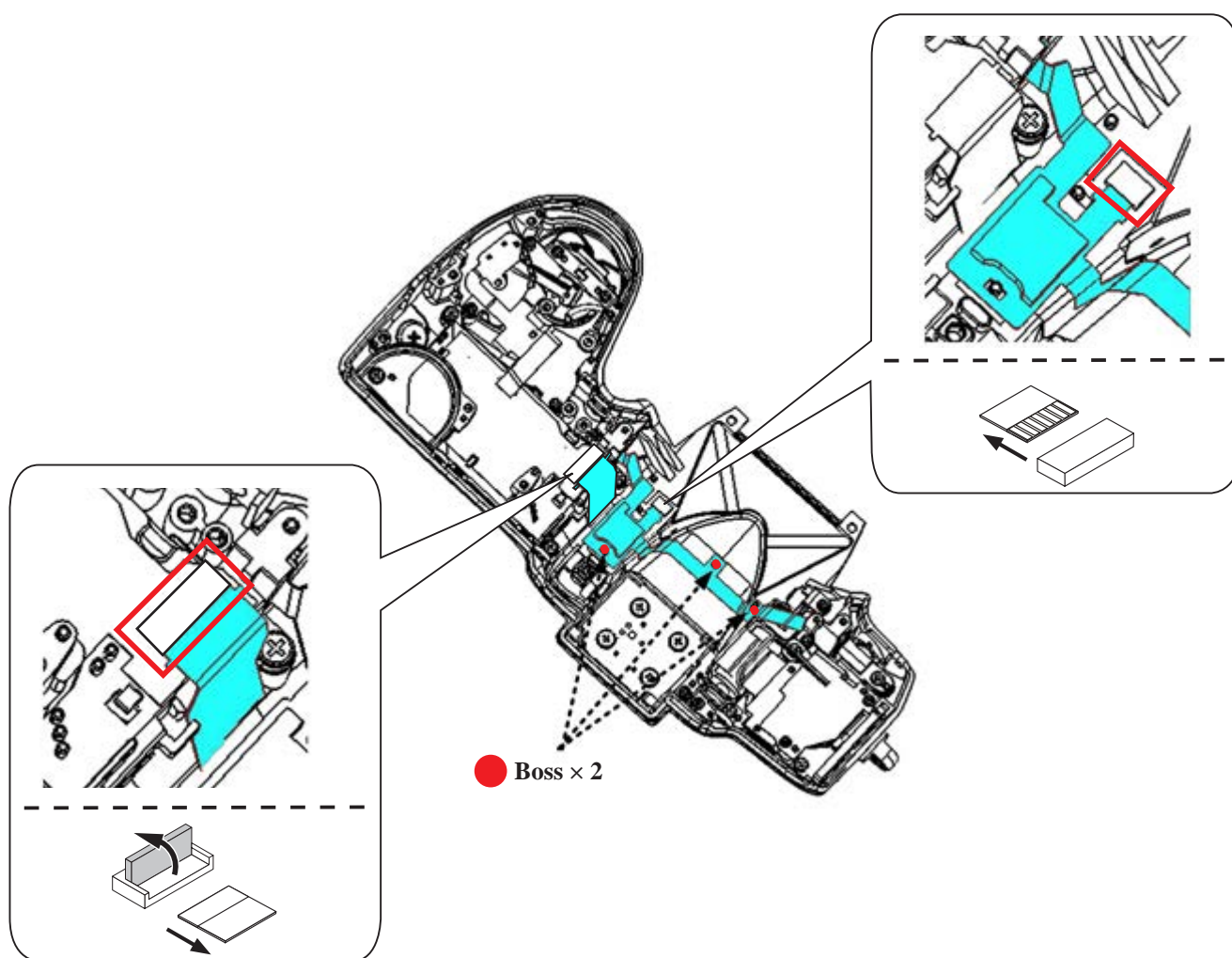
#123	SB pop-up arm
#124	SB pop-up arm



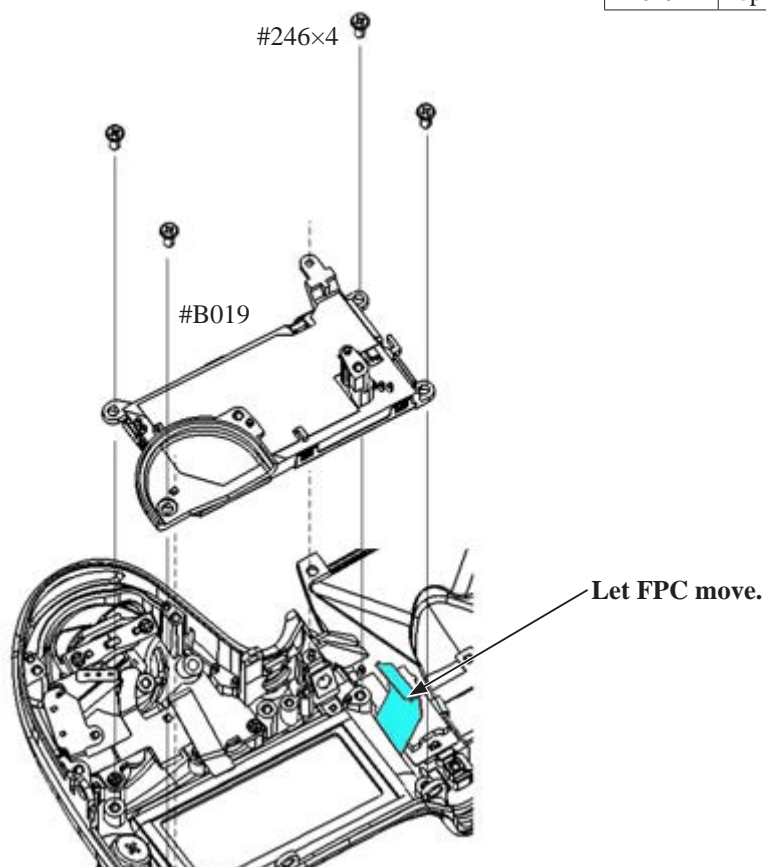
Top LCD unit

#116	Spring
#426	Mold



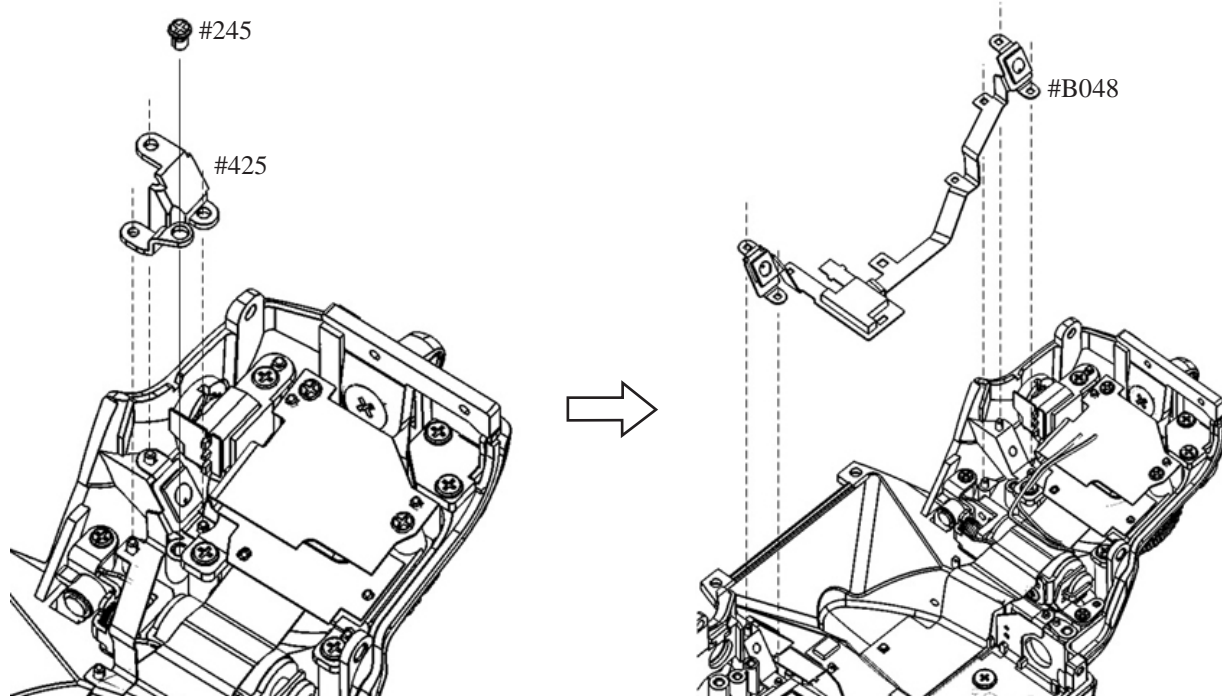


#B019	Top LCD unit
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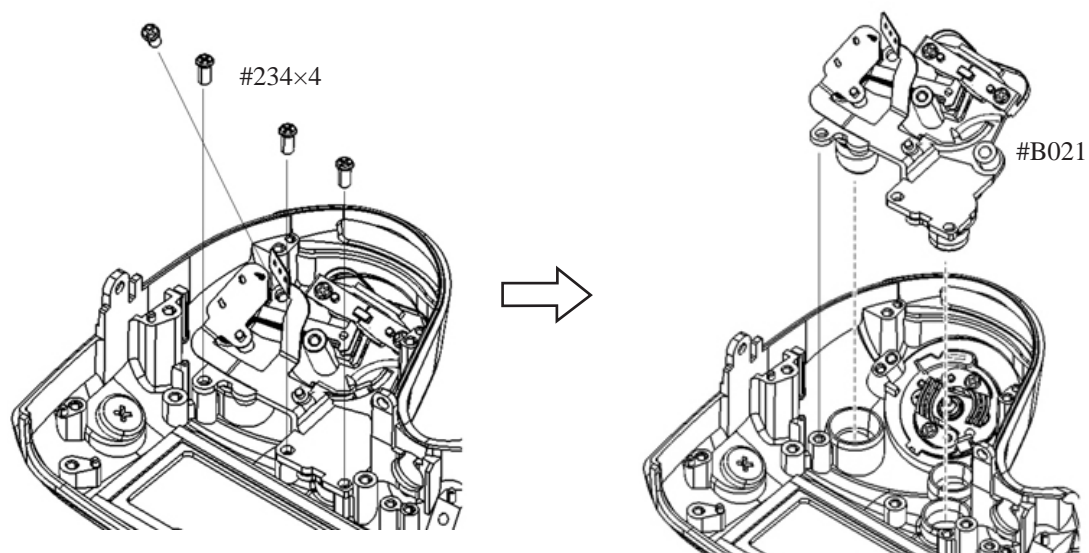


Microphone FPC unit

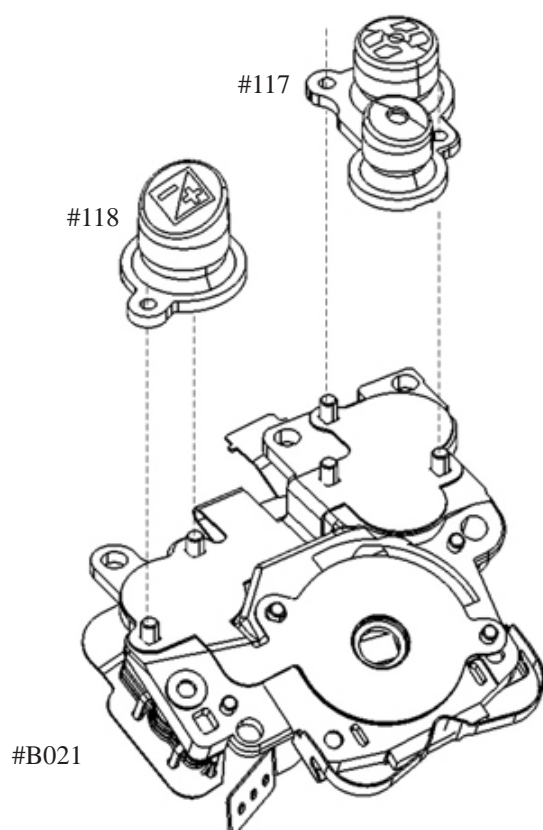
#425	Lug plate
#B048	Command dial base

**Top cover FPC unit**

#B021	Top LCD unit
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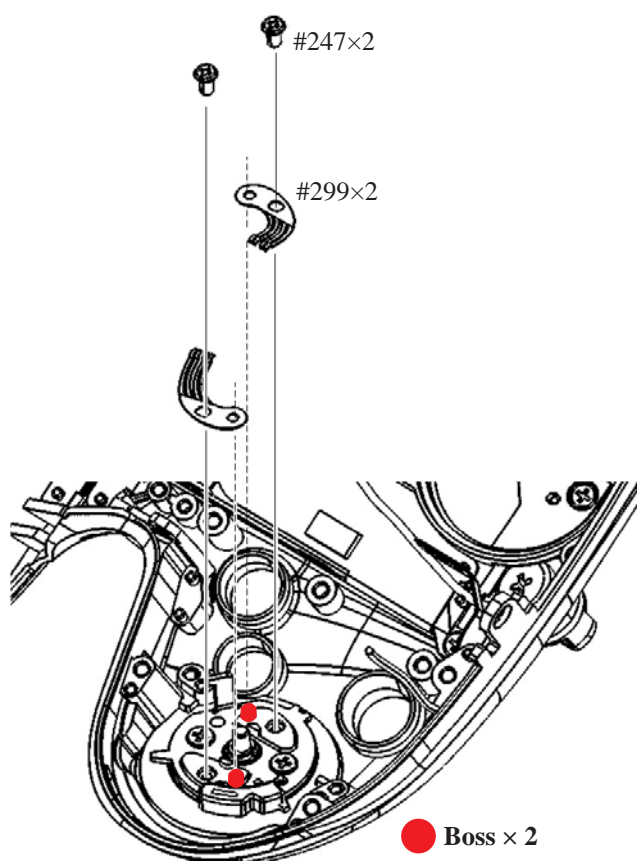


#117	Metering mode/Move-record button
#118	Exposure compensation button

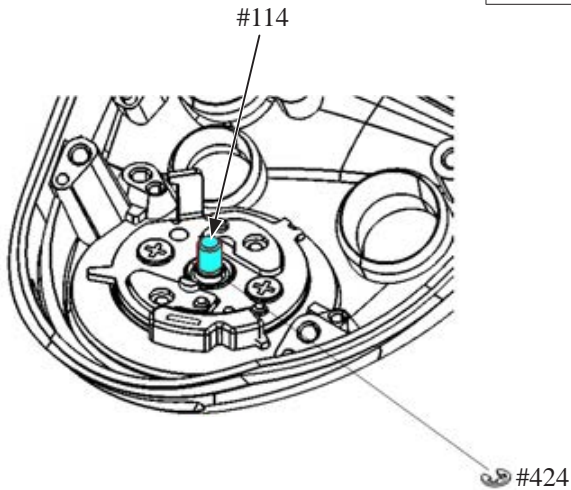


Power dial cover

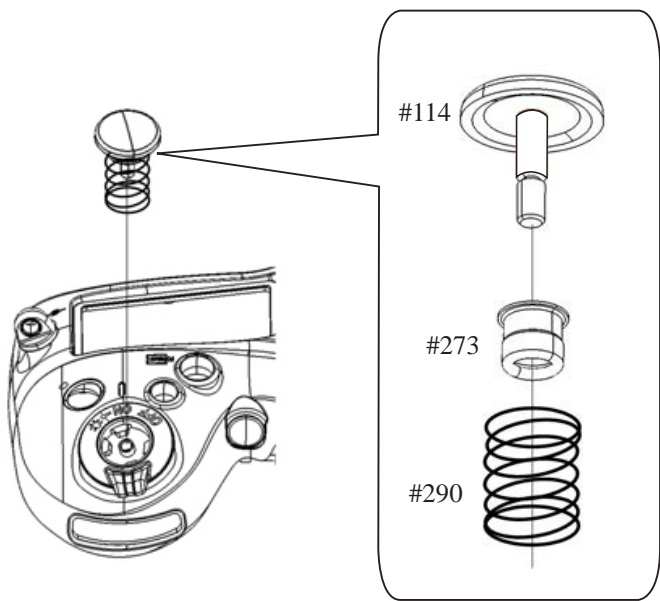
#299	ON-OFF SW brush
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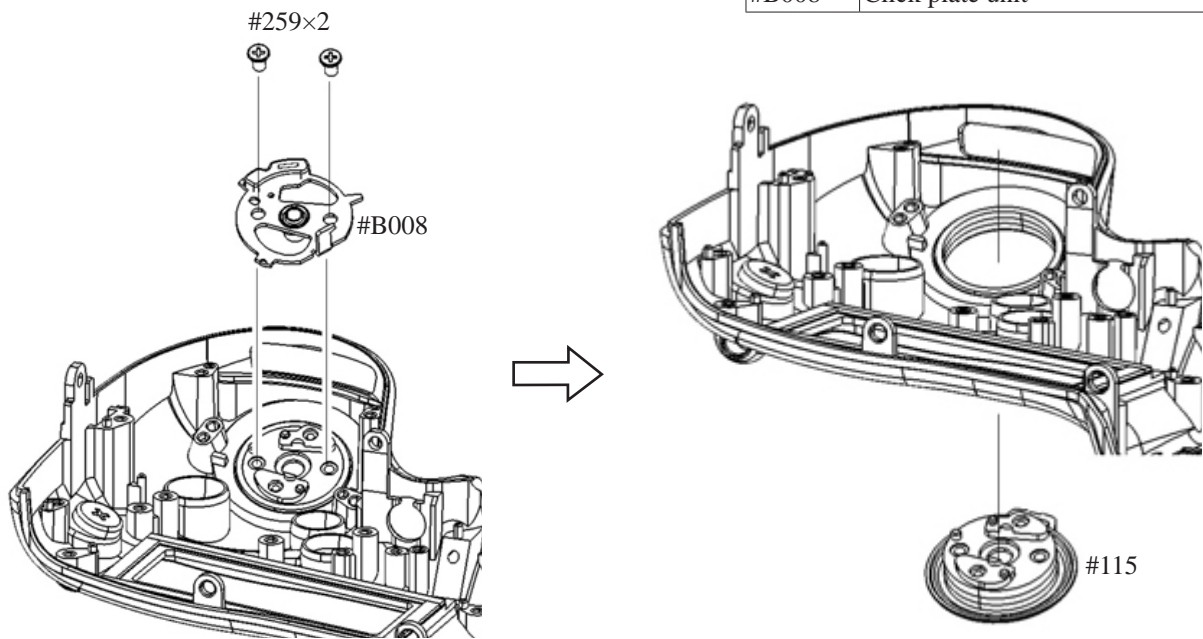
#424	E ring
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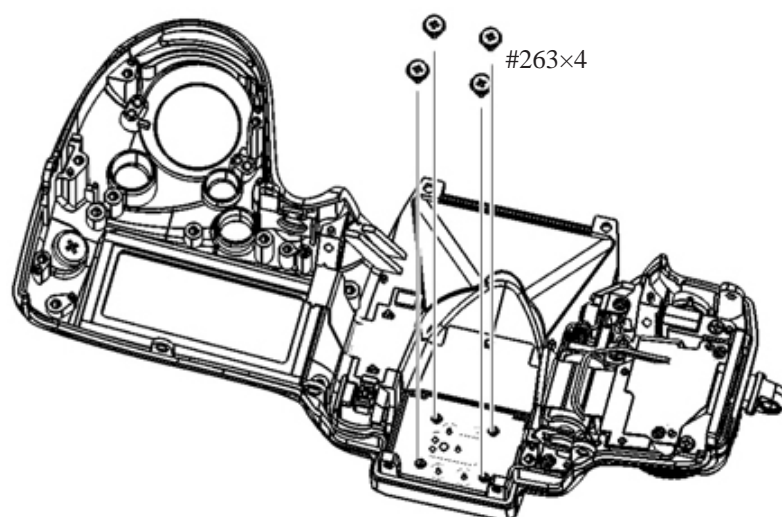
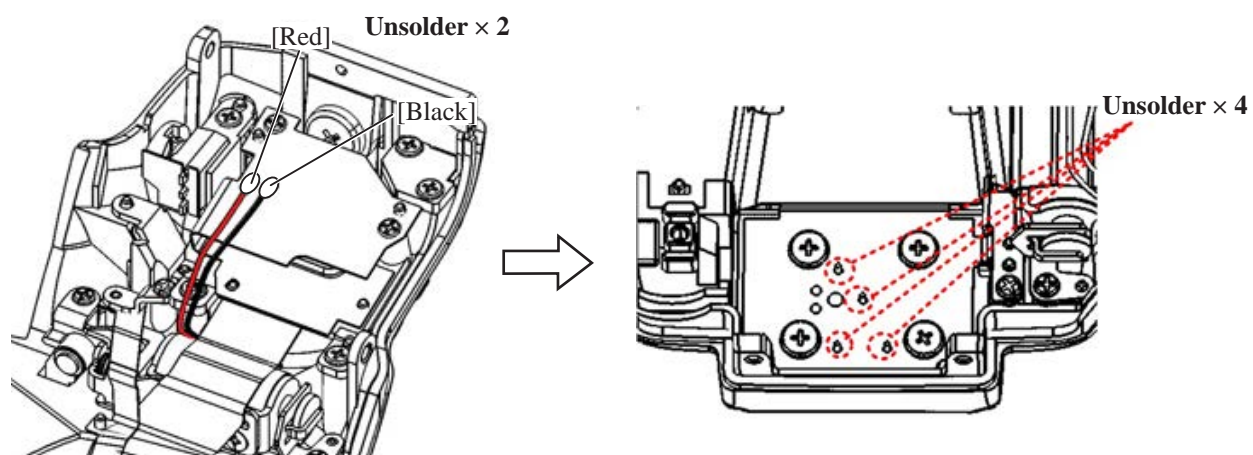


#114	Shutter button
#273	Rubber
#290	Spring

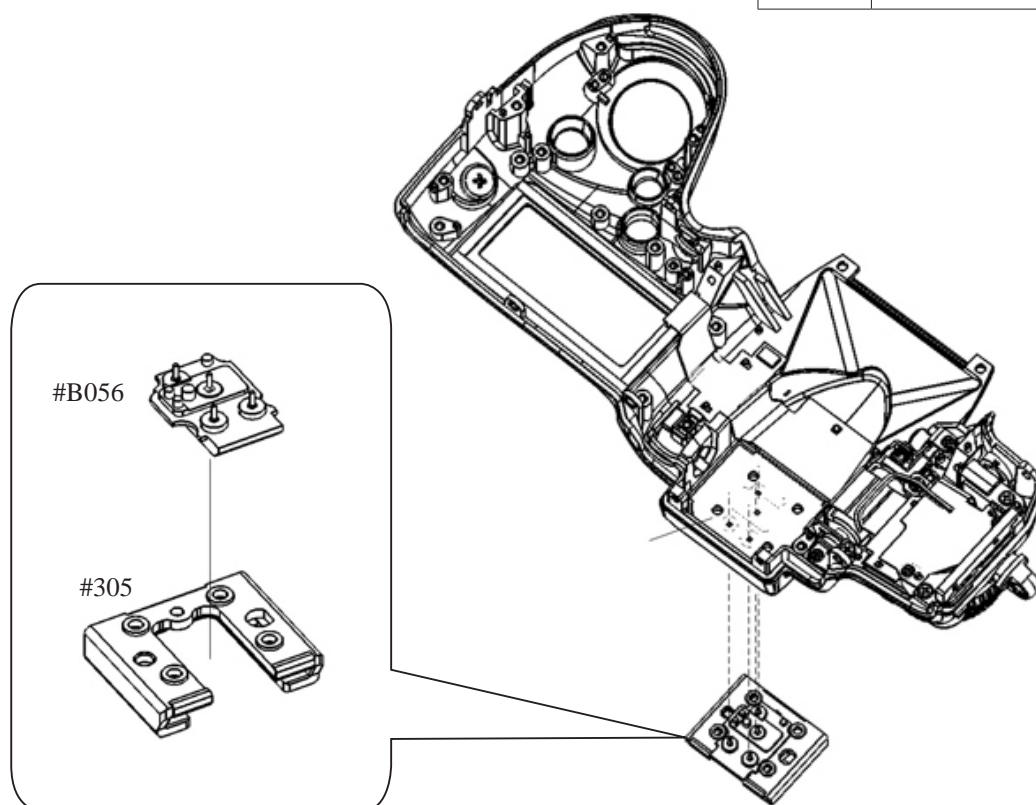


#115	Power switch
#B008	Click plate unit

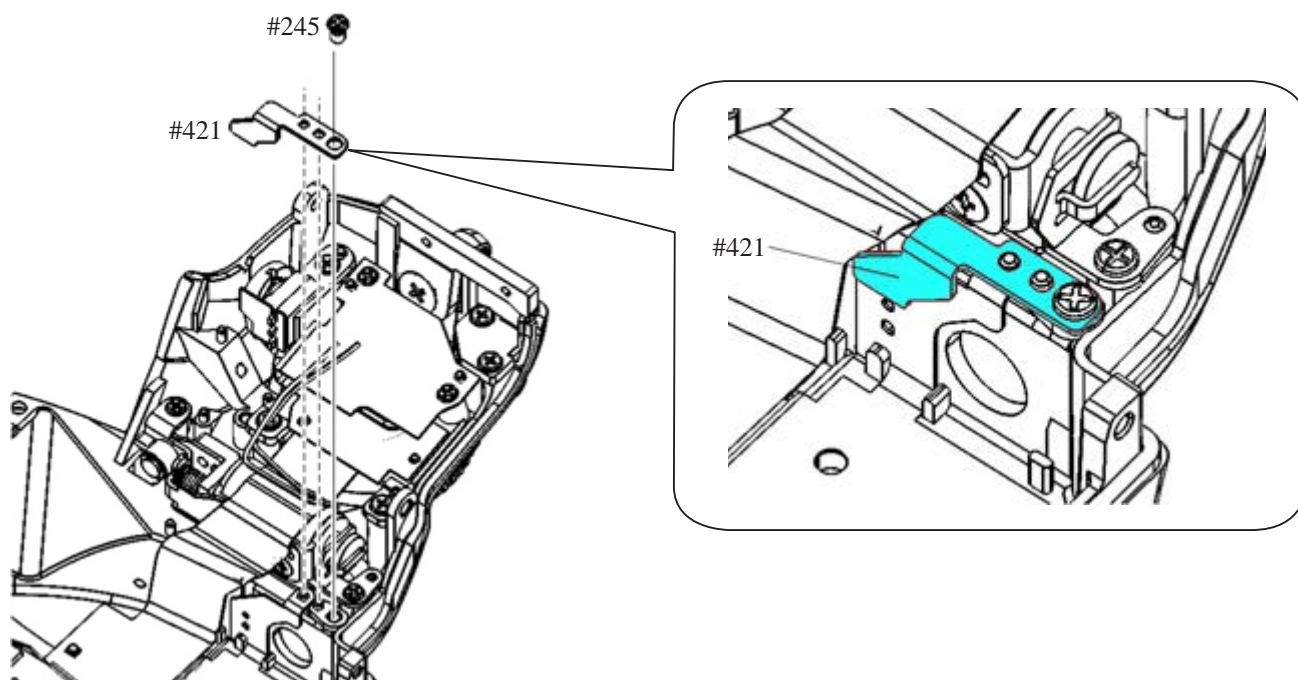


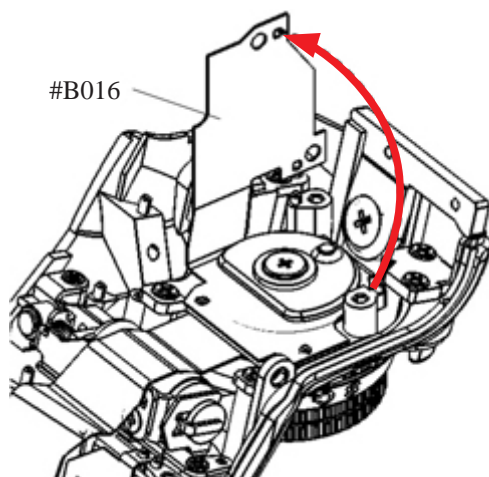
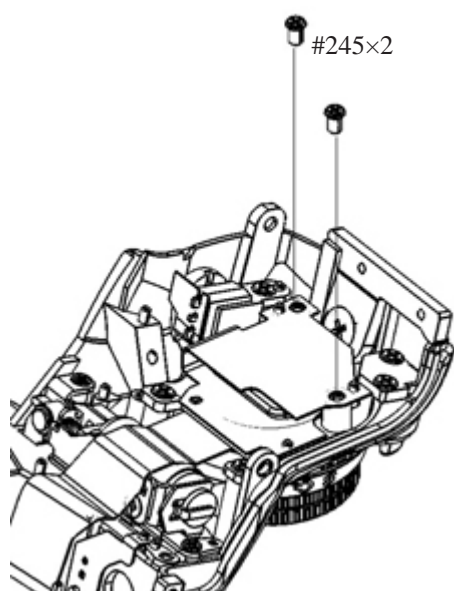
Hot shoe

#305	Hot shoe
#B056	Shoe mold unit

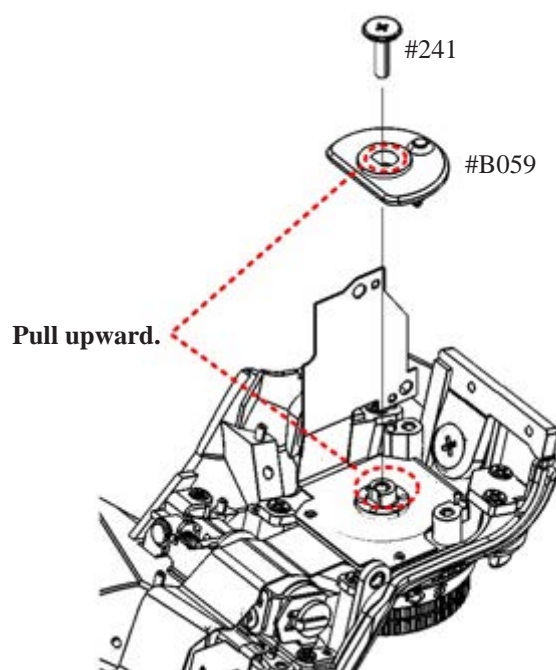
**Contact brush unit**

#421	Retainer plate
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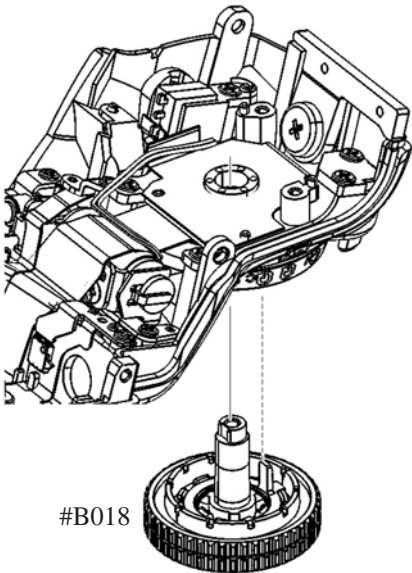




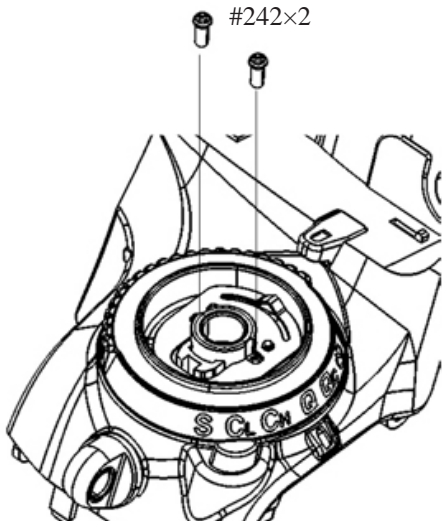
#B059	Contact brush unit
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#B018	Mode dial unit
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#B018



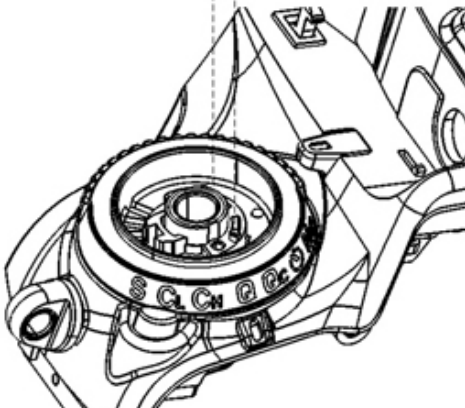
#242x2

#119	Click spring
#120	Click spring

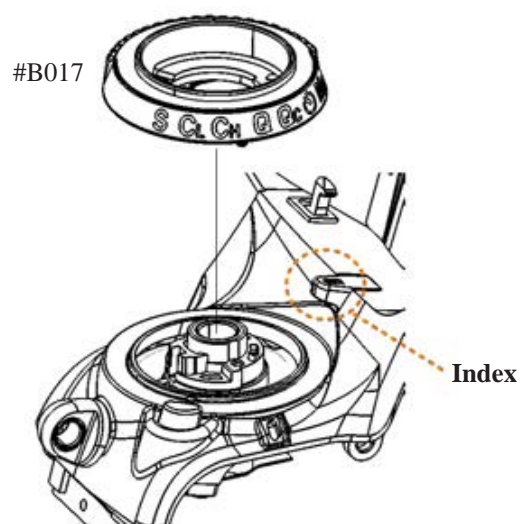
#119



#120

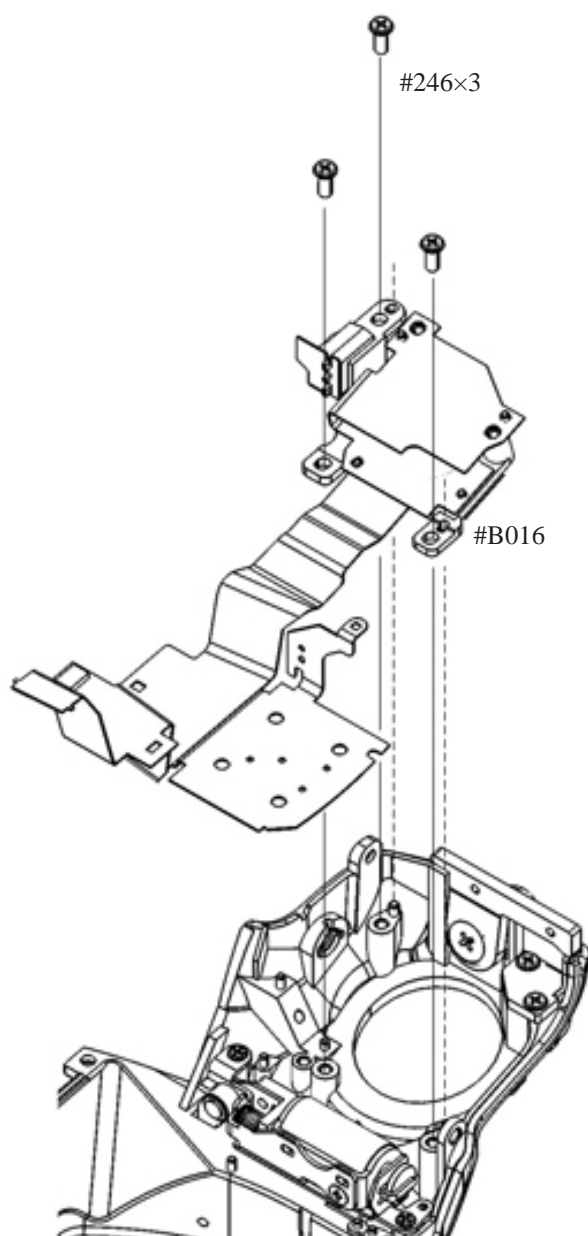


#B017	Release mode dial unit
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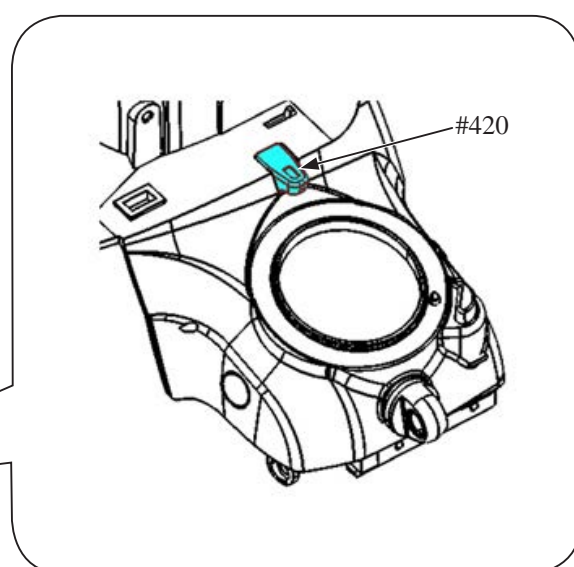
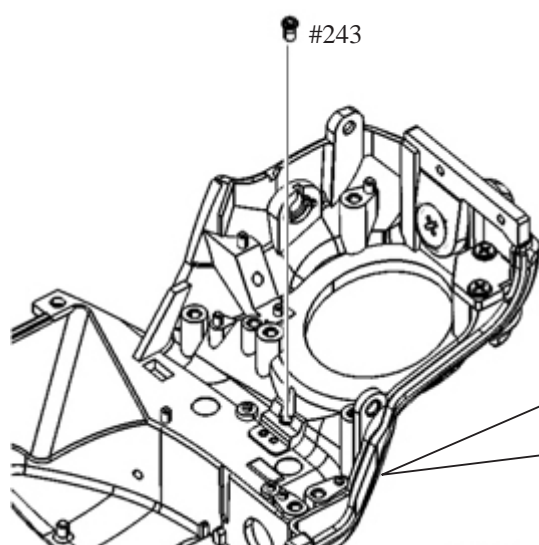
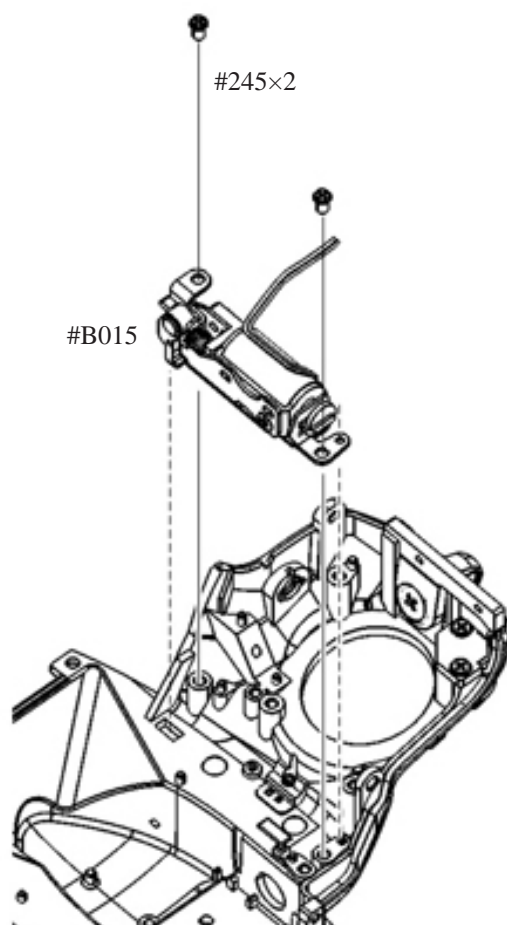
Mode dial FPC unit

#B016	Mode dial FPC unit
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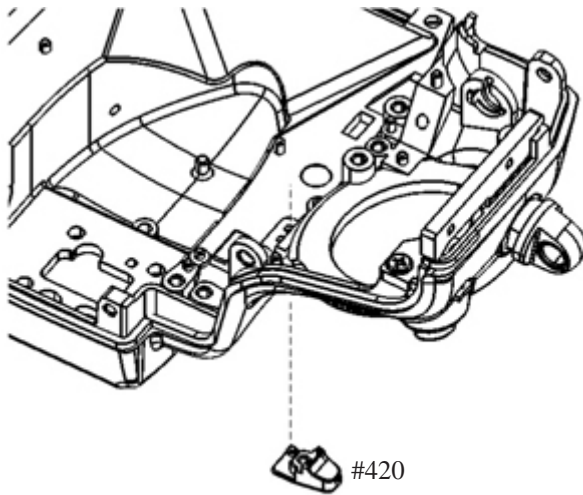
SB release plate unit

#B015	SB release plate unit
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#420

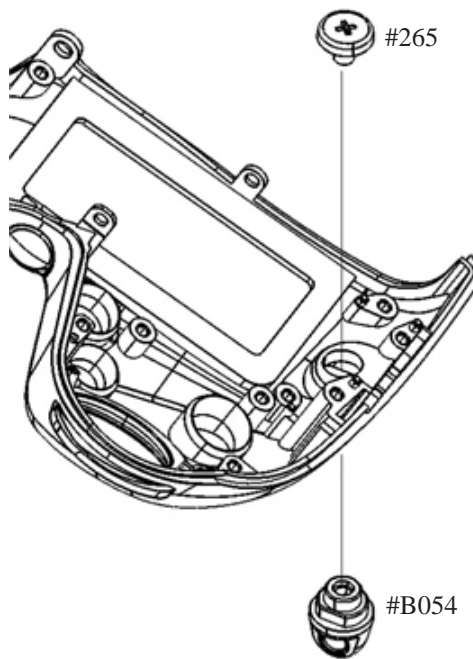
Index



Eyelet

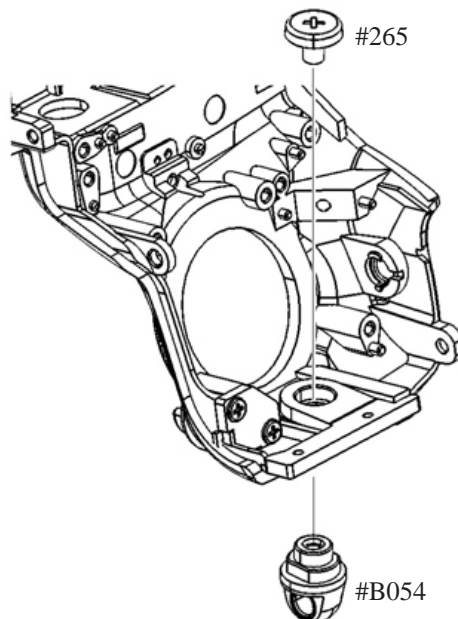
#B054

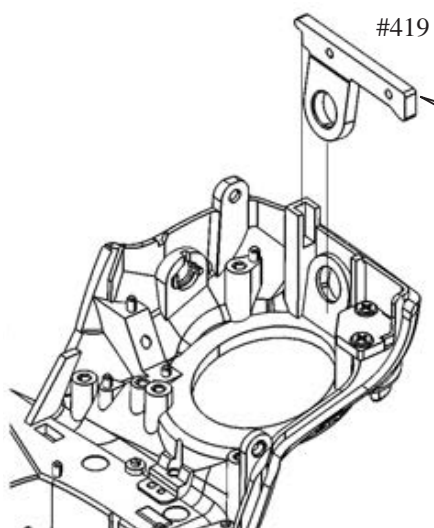
Eyelet



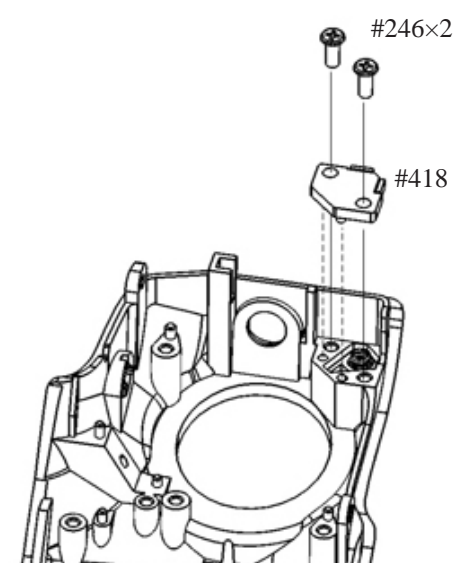
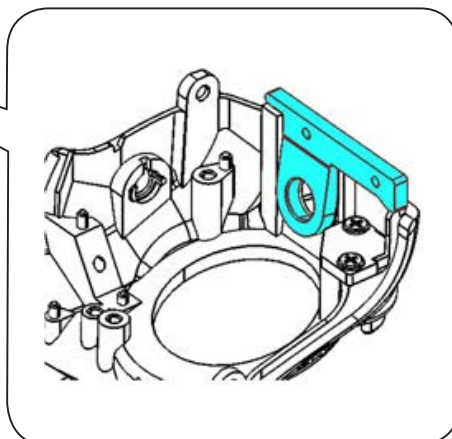
#B054

Eyelet



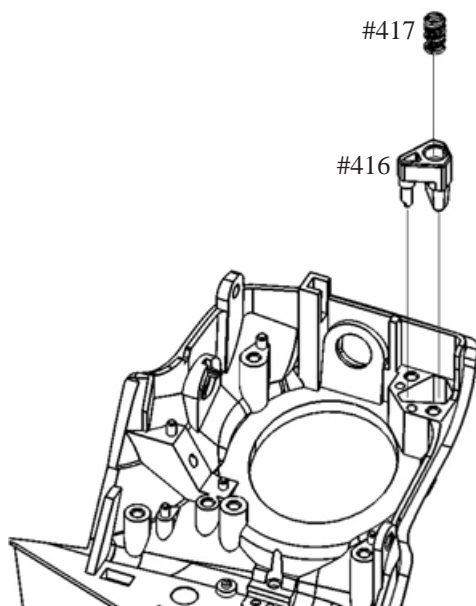


#419	Plate
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#418	Plate
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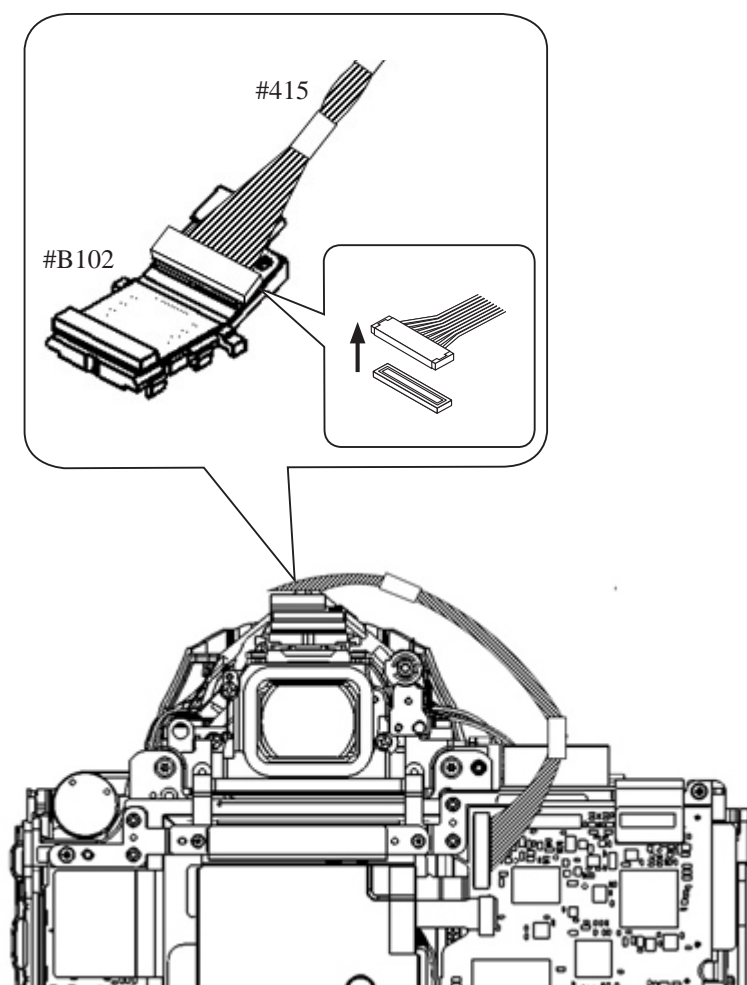
#416	Button
#417	Spring



4. Battery box

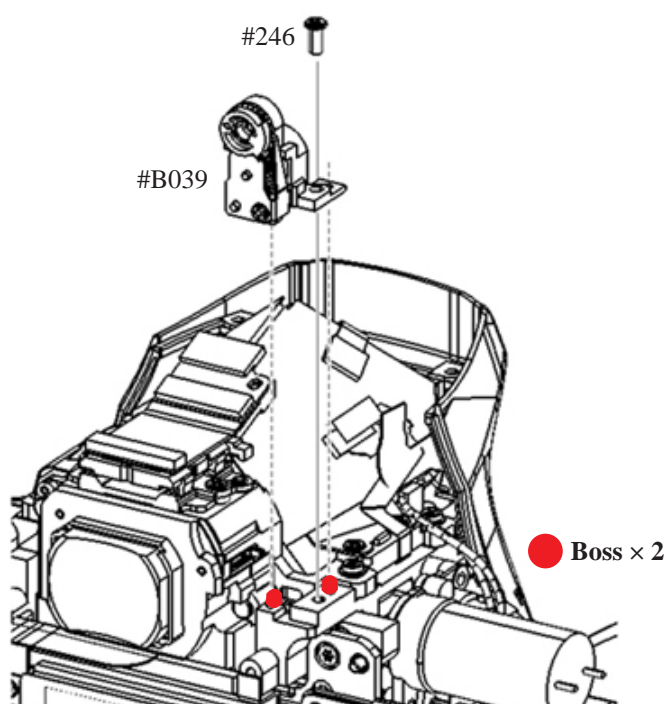
Metering FPC unit

#415	Metering FPC unit
#B102	Harness

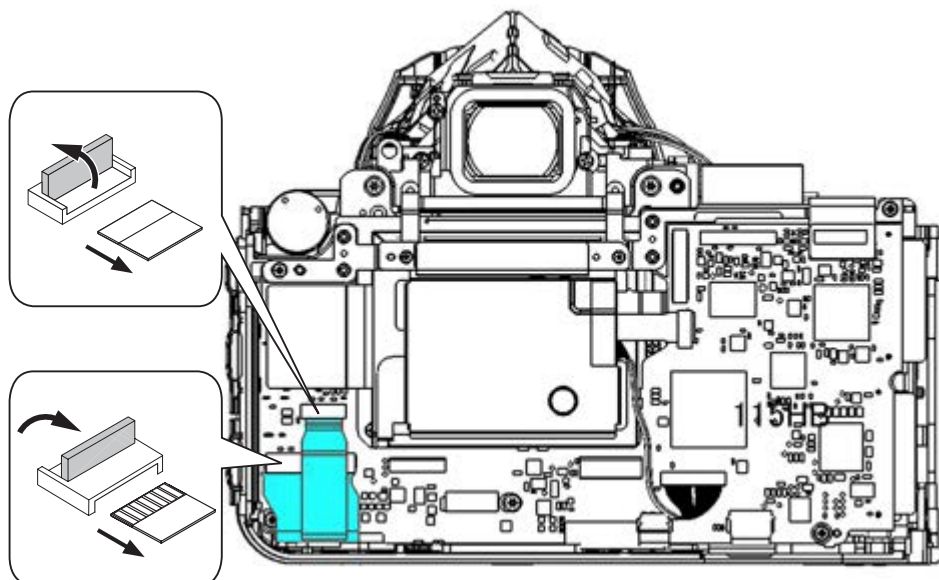
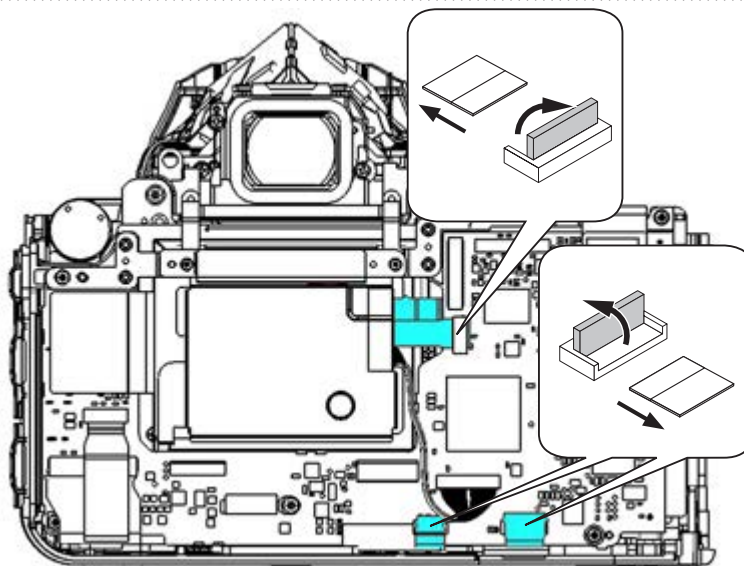
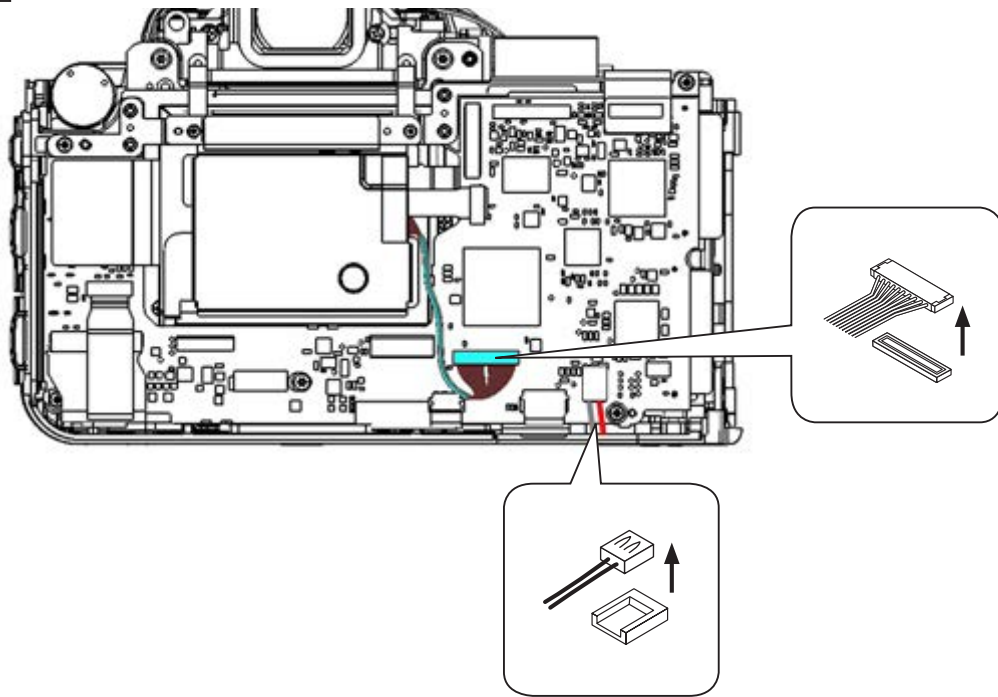


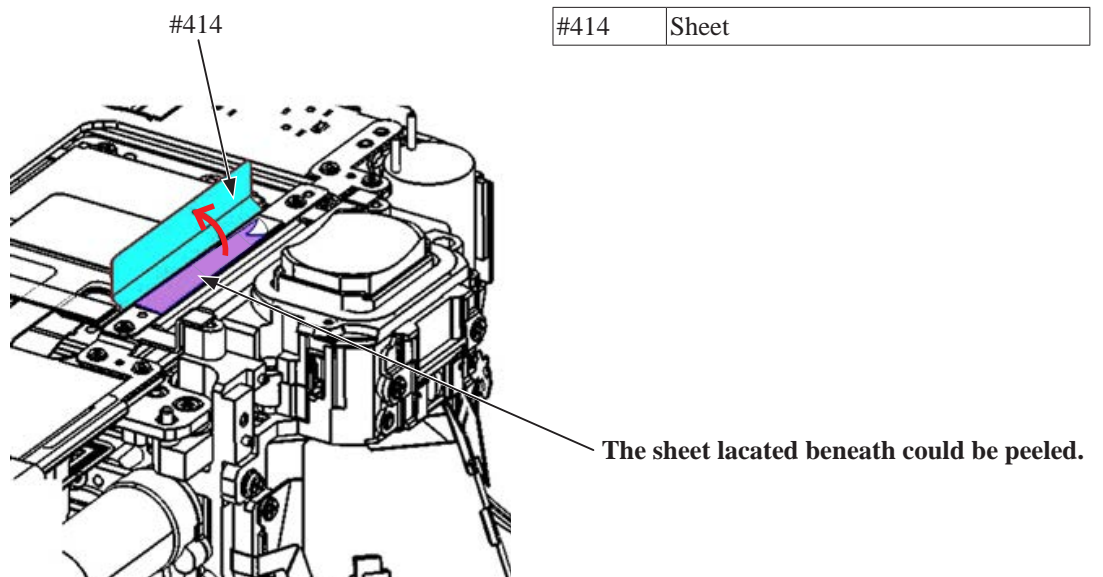
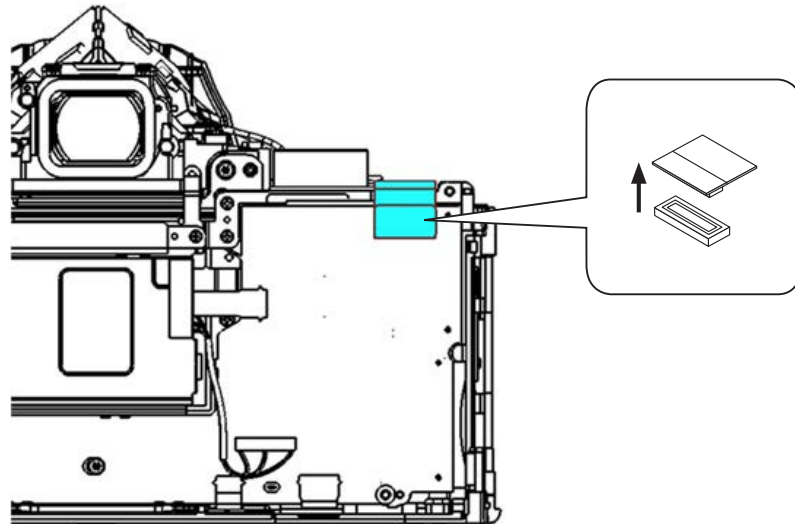
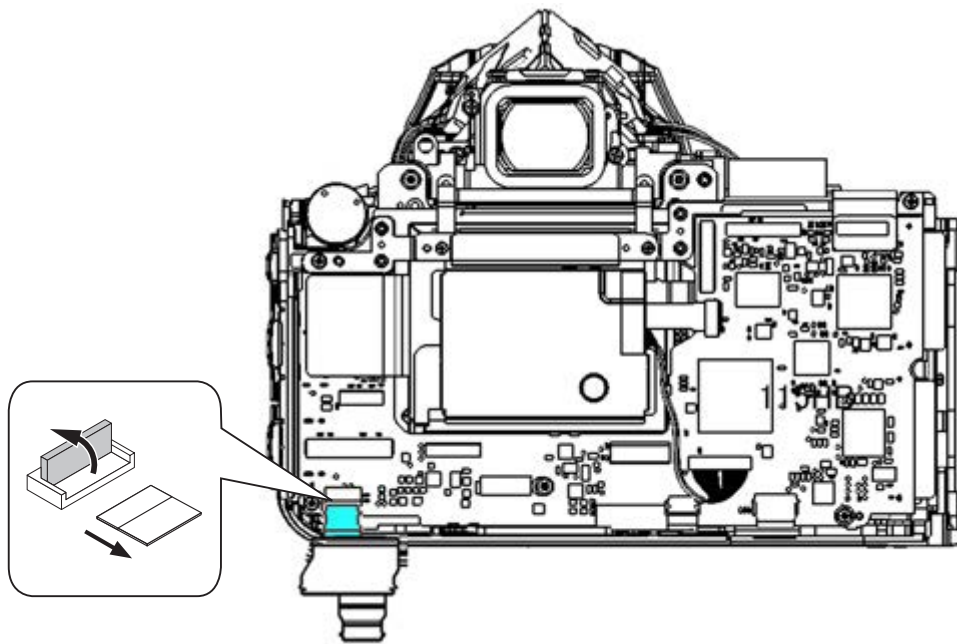
Gear case

#B039	Gear case unit
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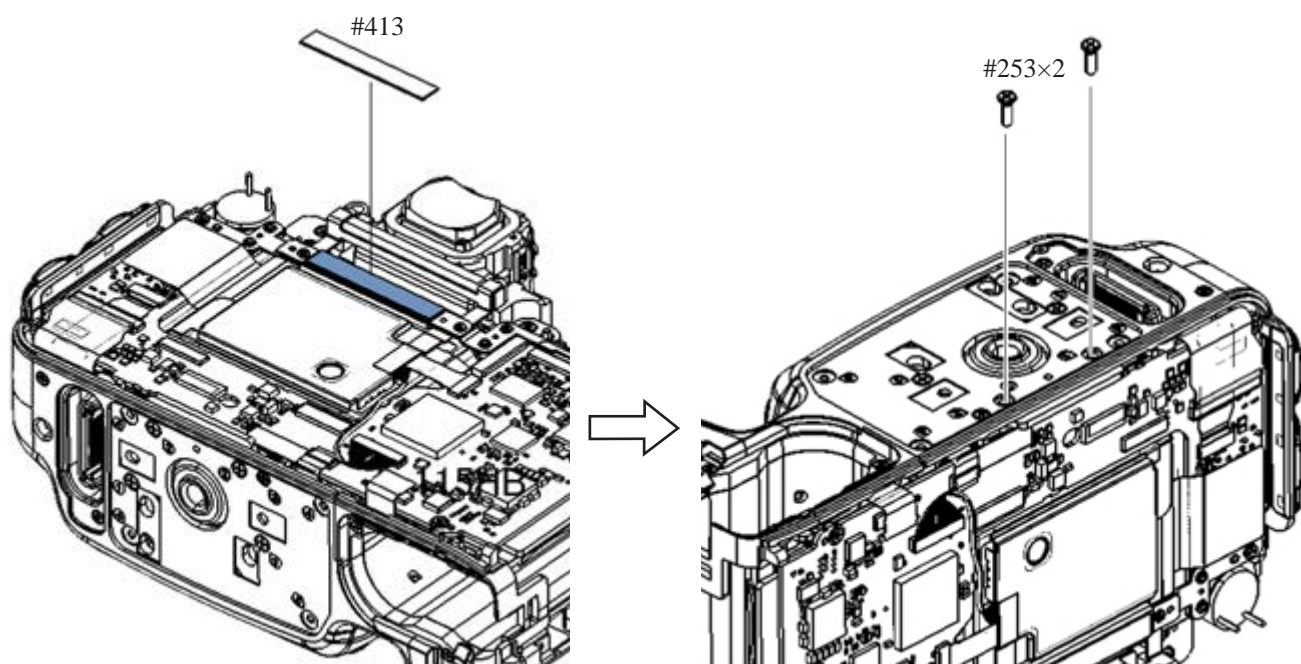


Togo PCB

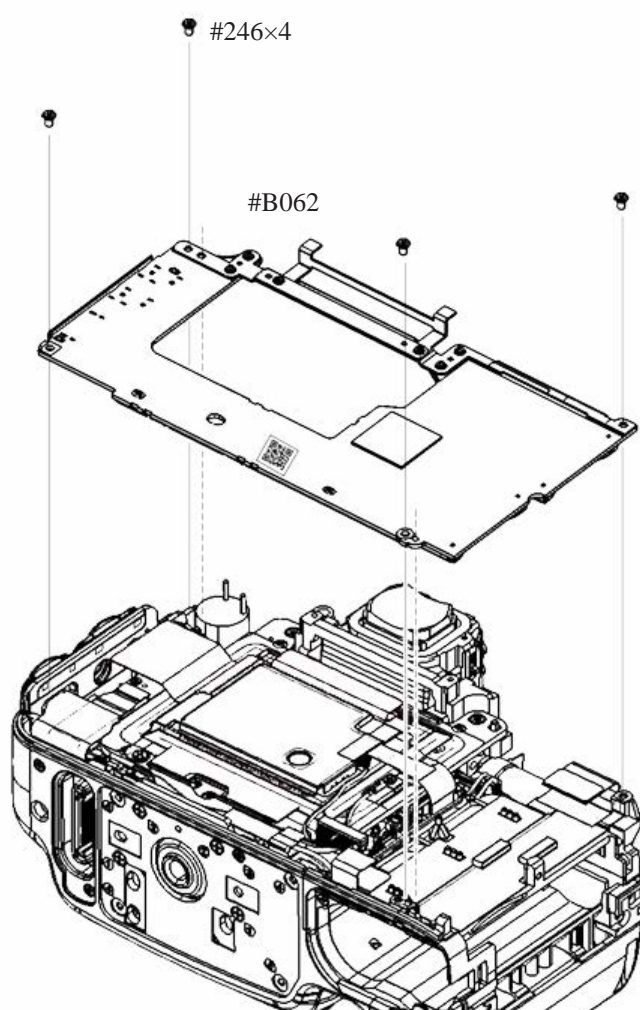




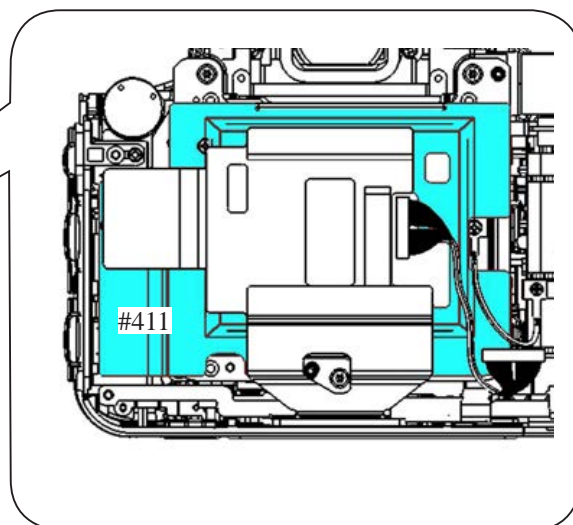
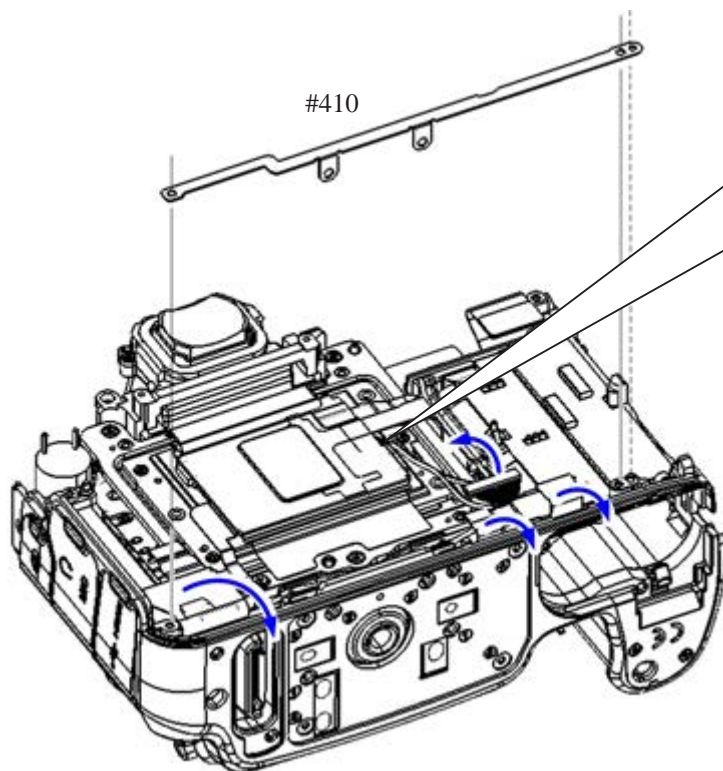
#413	Tape
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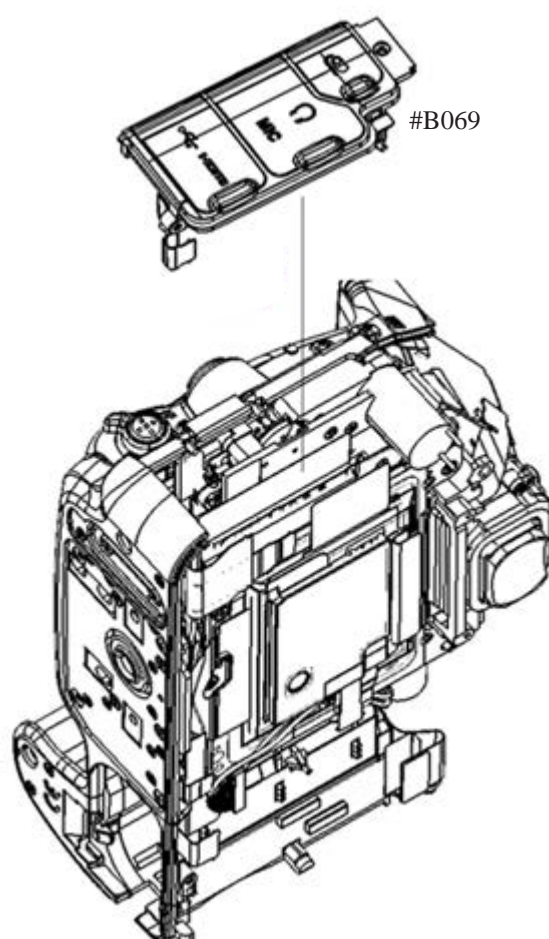
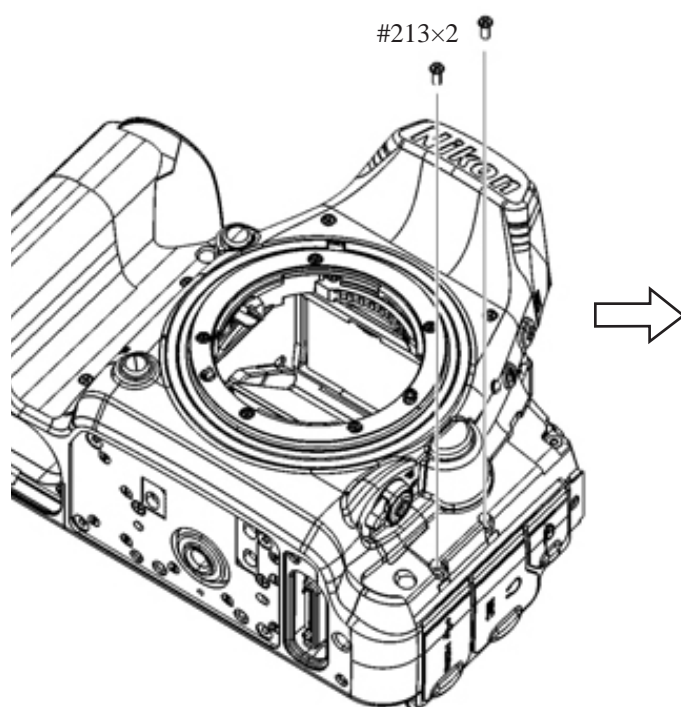
#B062	TOGO PCB unit
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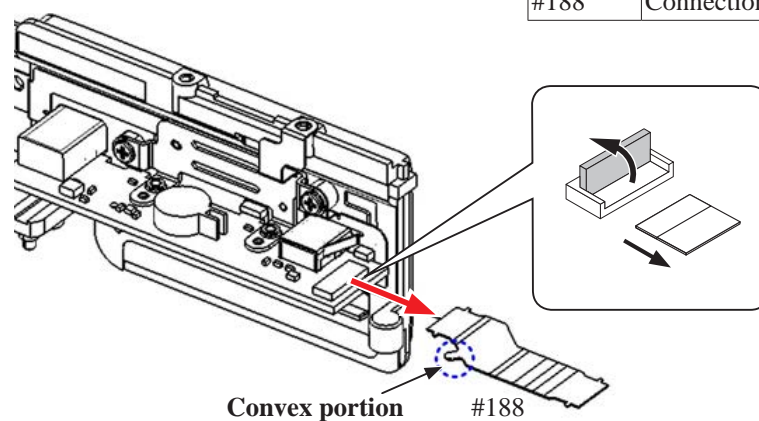
#410	GND plate
#411	Radiating sheet

**IF cover**

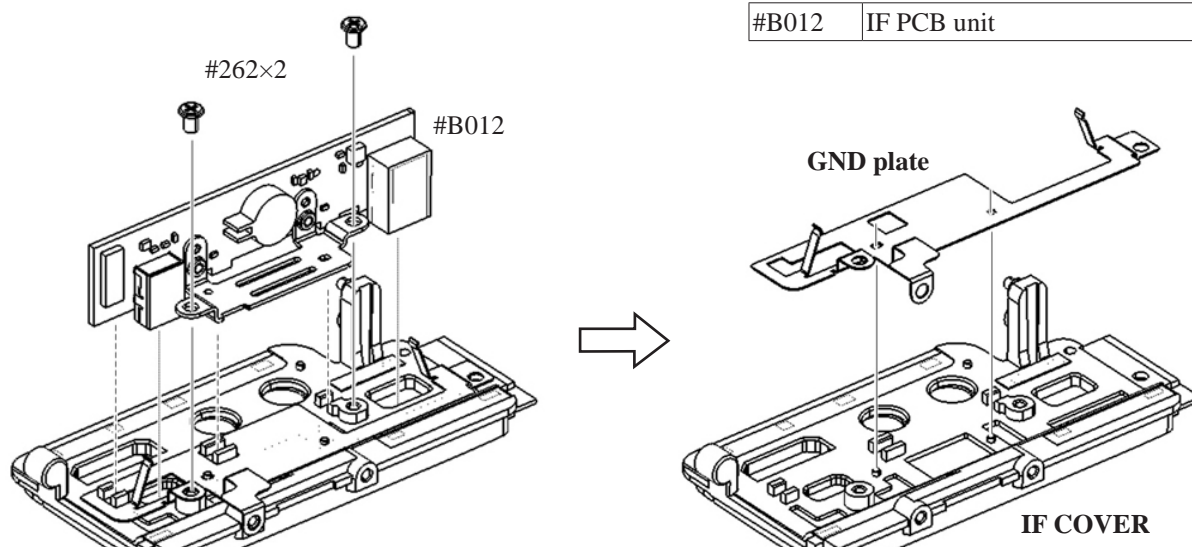
#B069	IF cover unit
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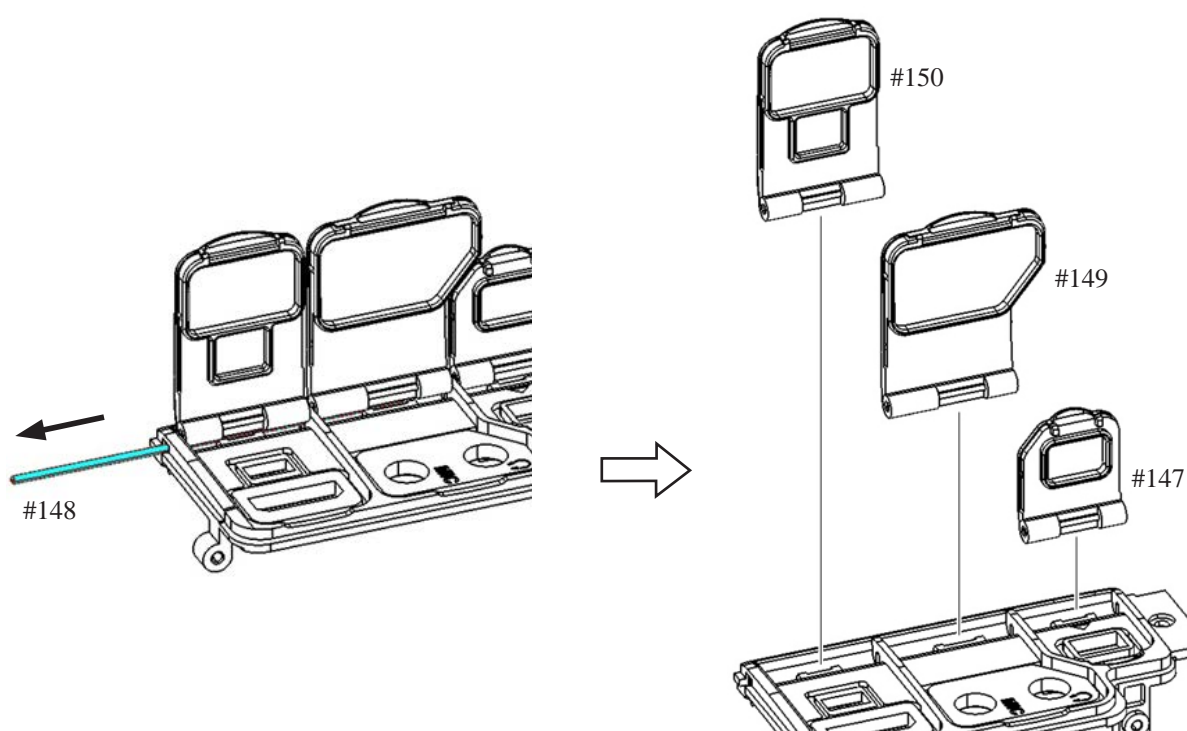
#188	Connection FPC
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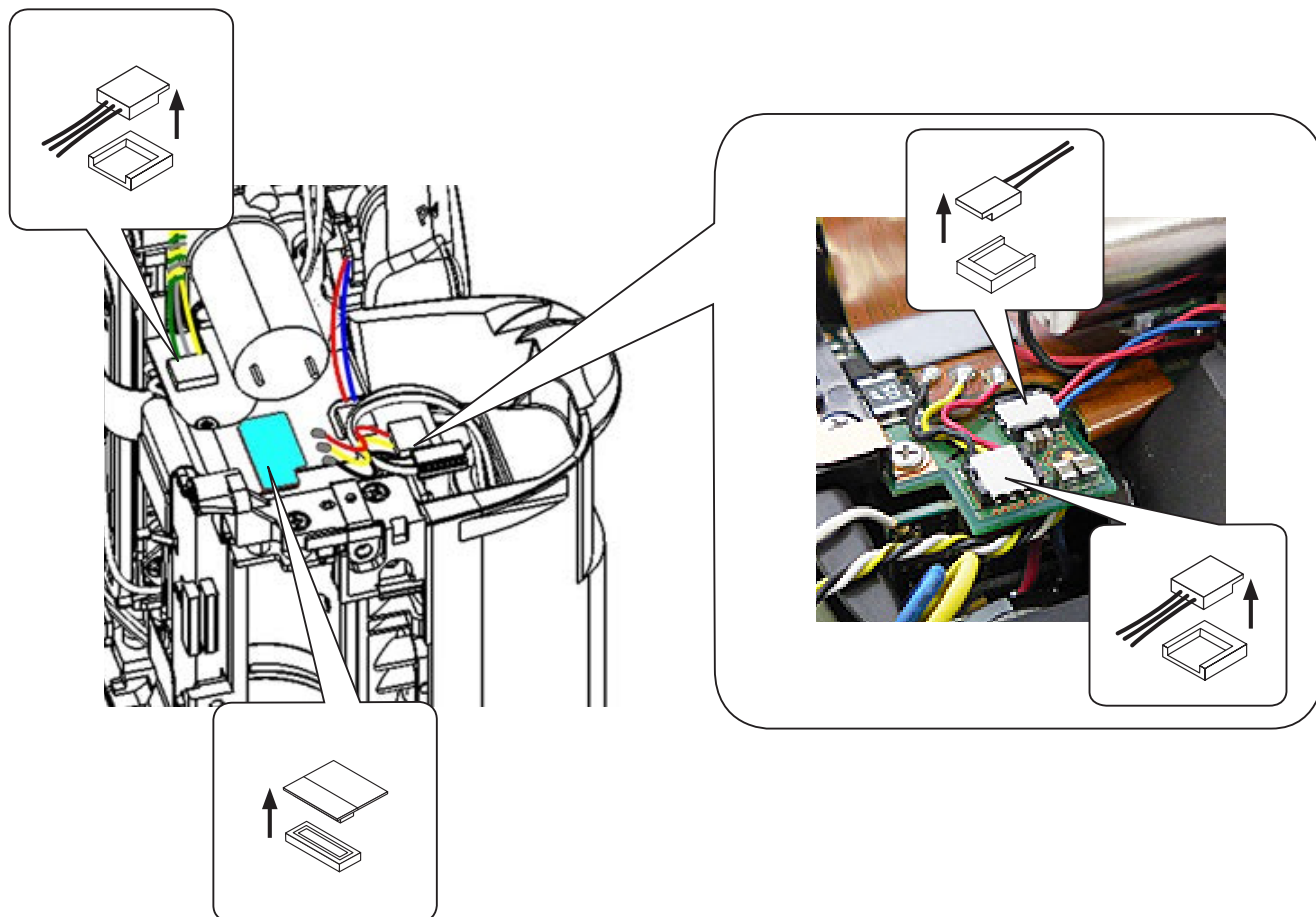


#B012	IF PCB unit
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#147	Accessory terminal cover
#148	Shaft
#149	Audio connector cover
#150	HDMI/USB connector cover

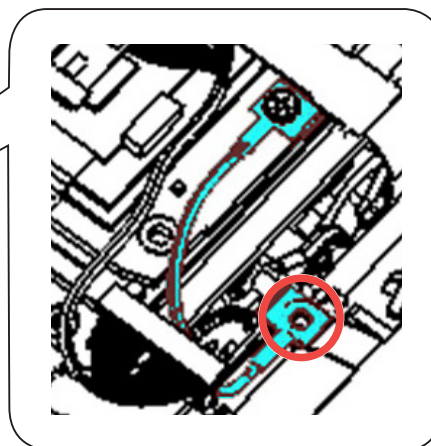
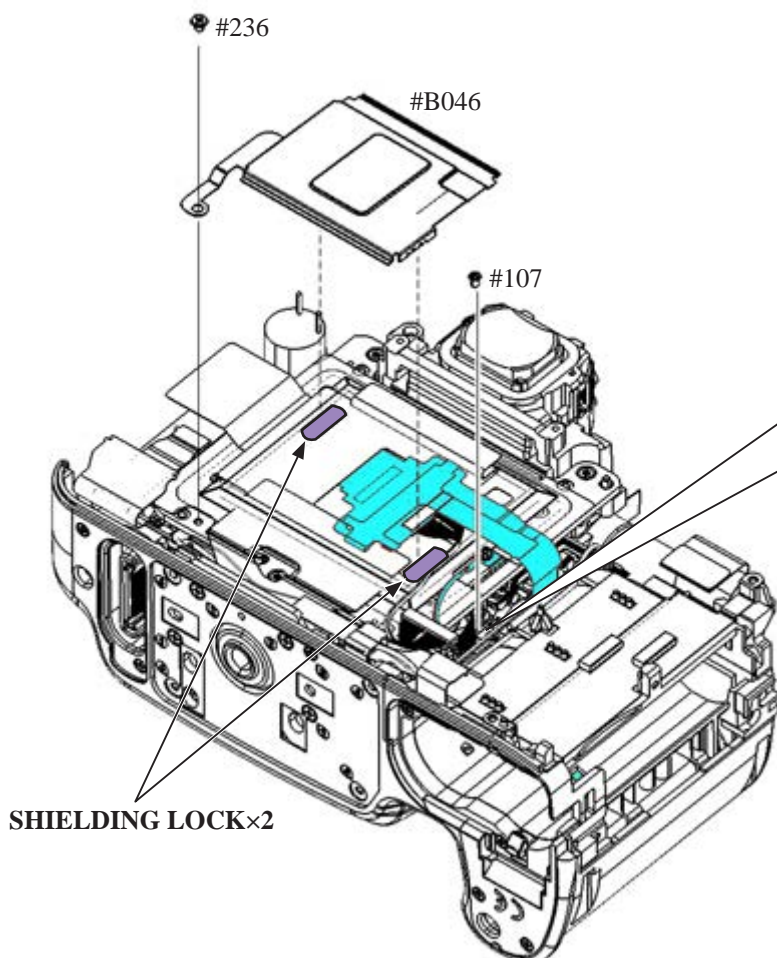


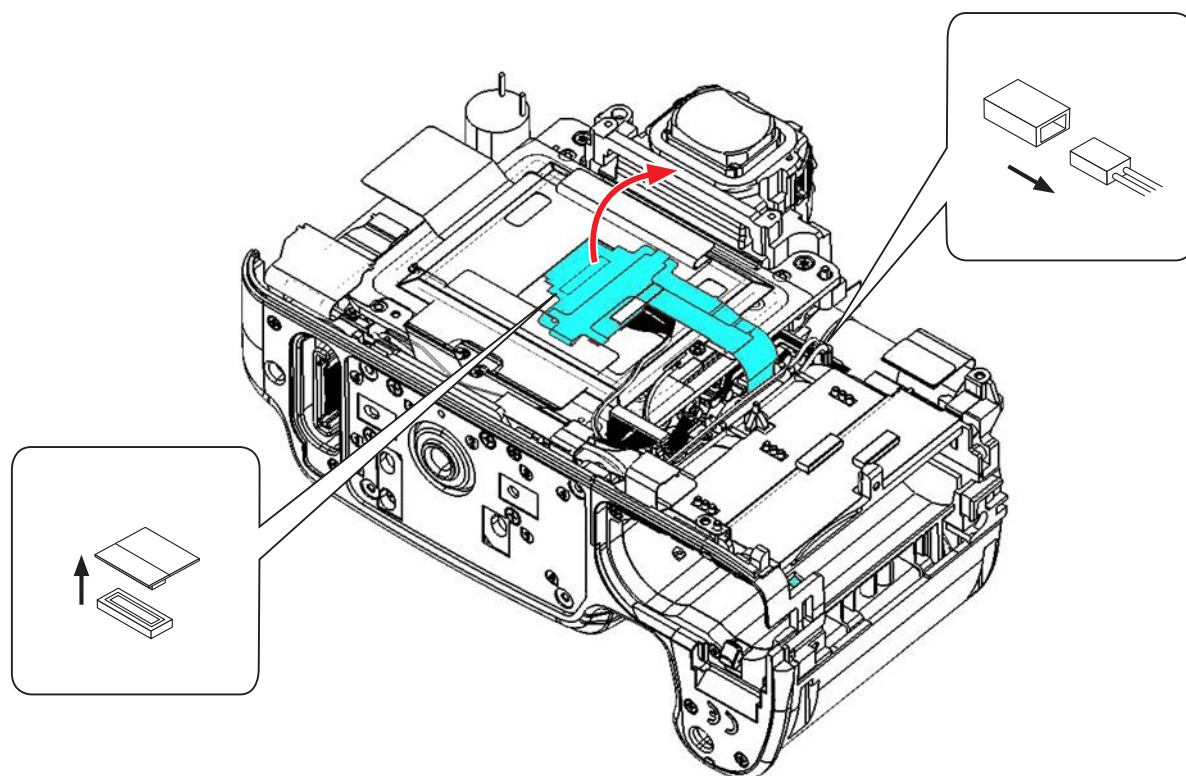


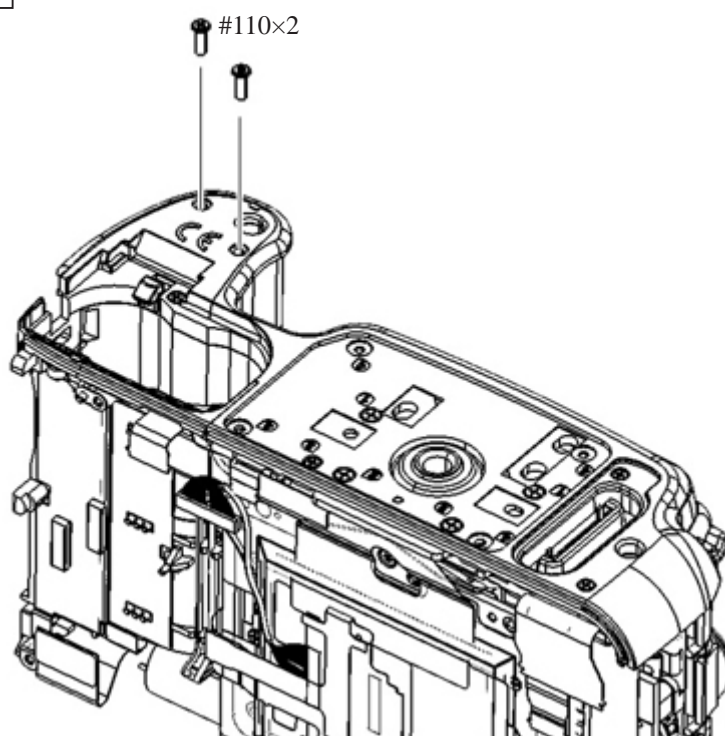
Shielding plate

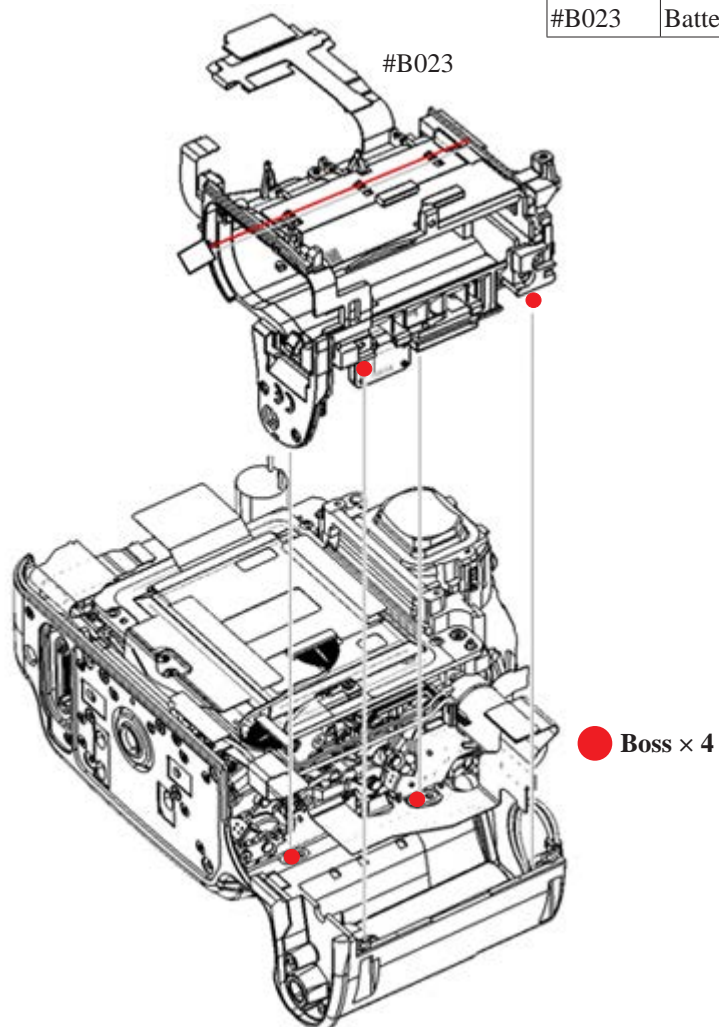
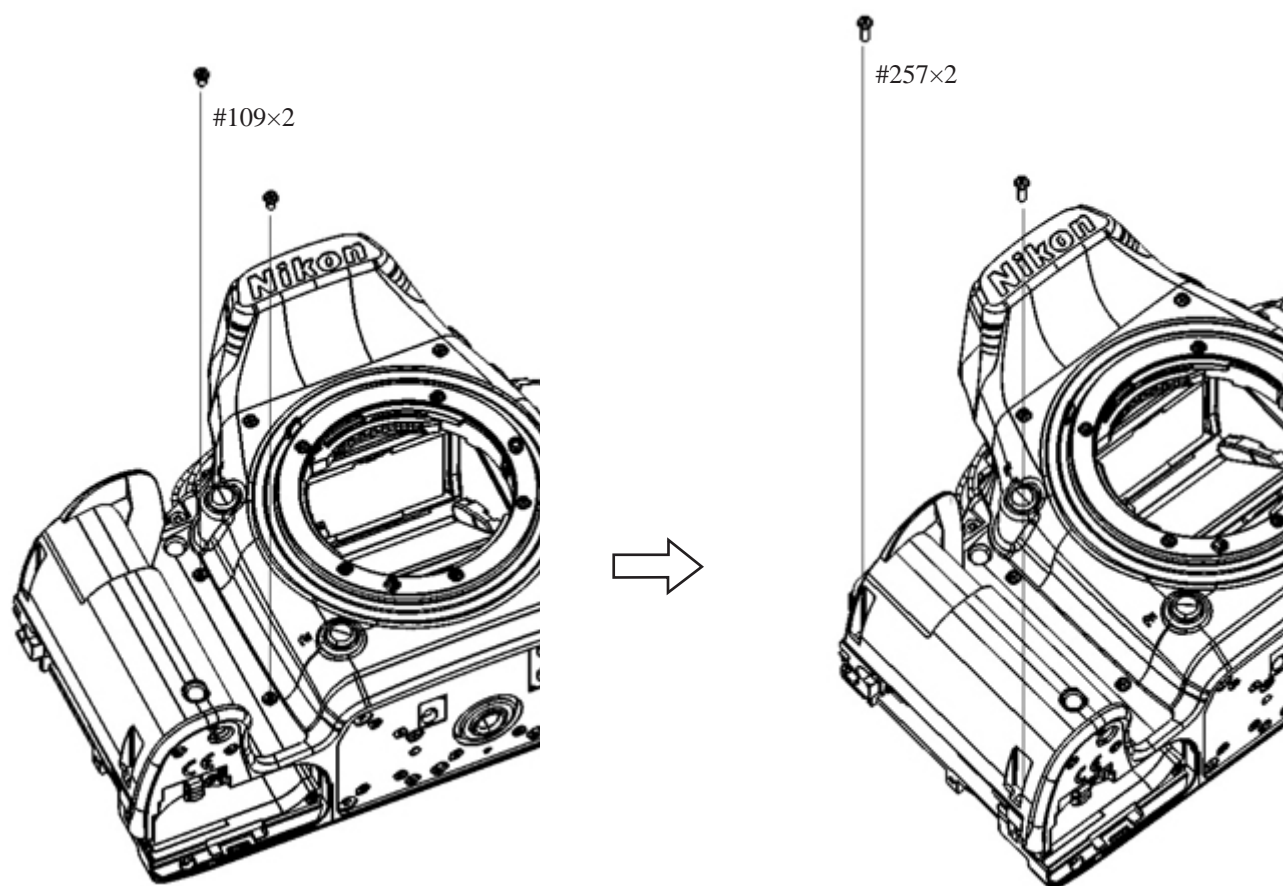
#B046

Shielding plate unit





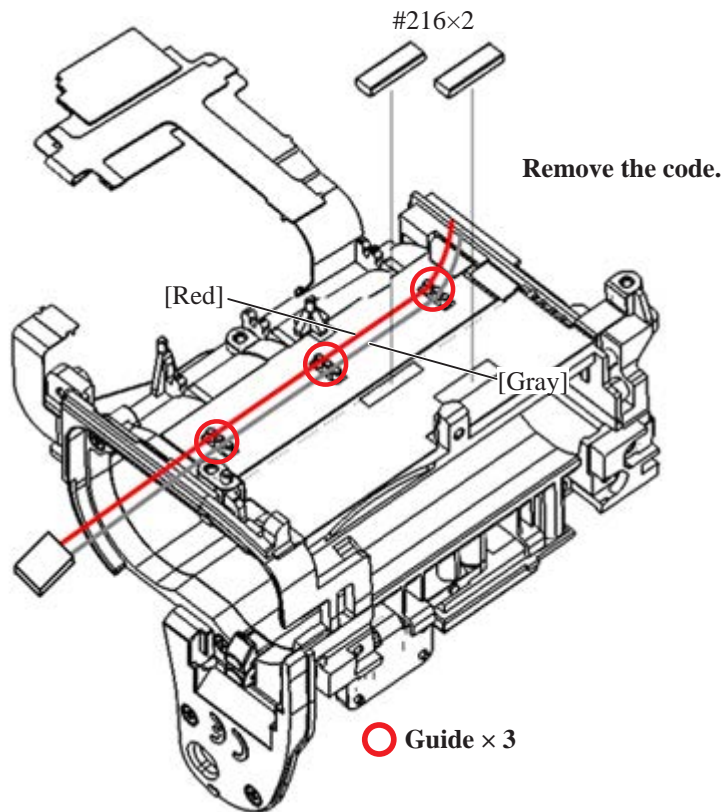
Battery housing unit



#B023	Battery housing unit
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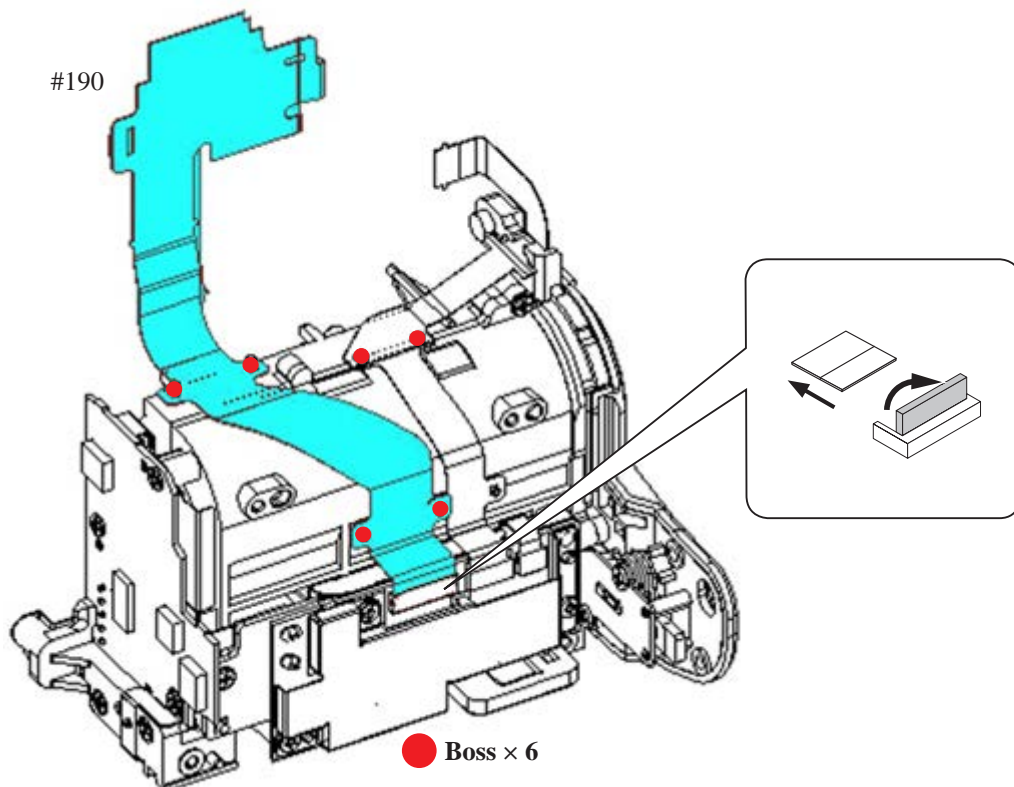
#216

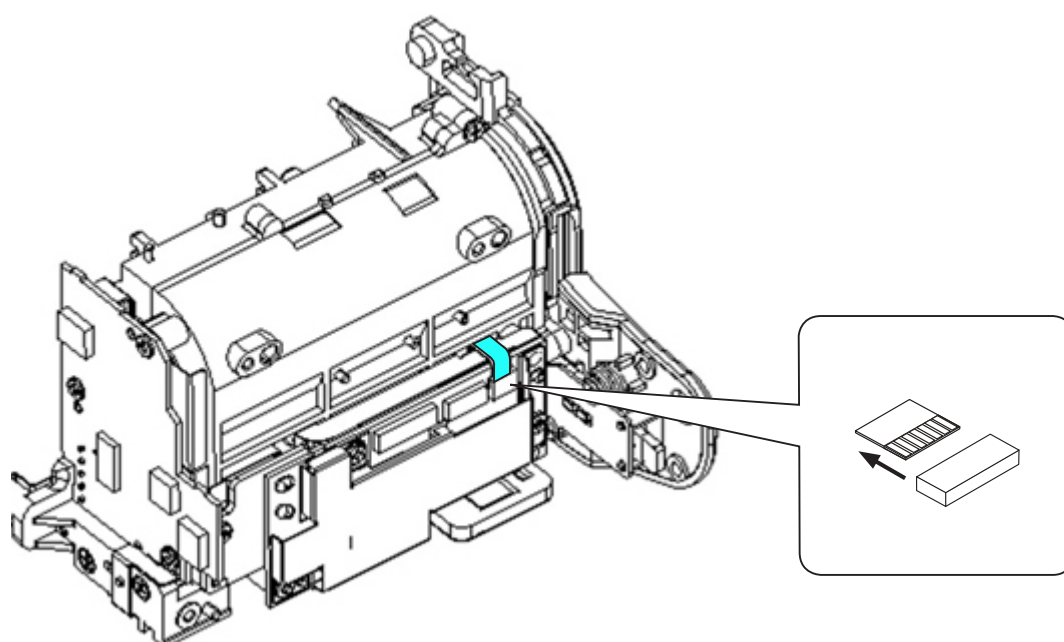
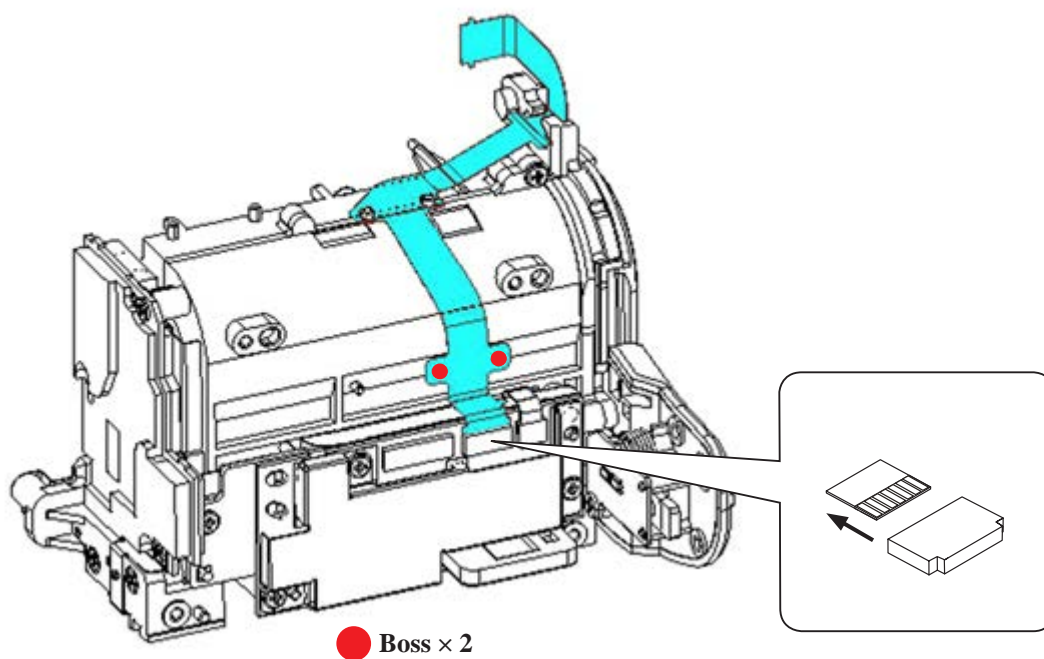
Gasket



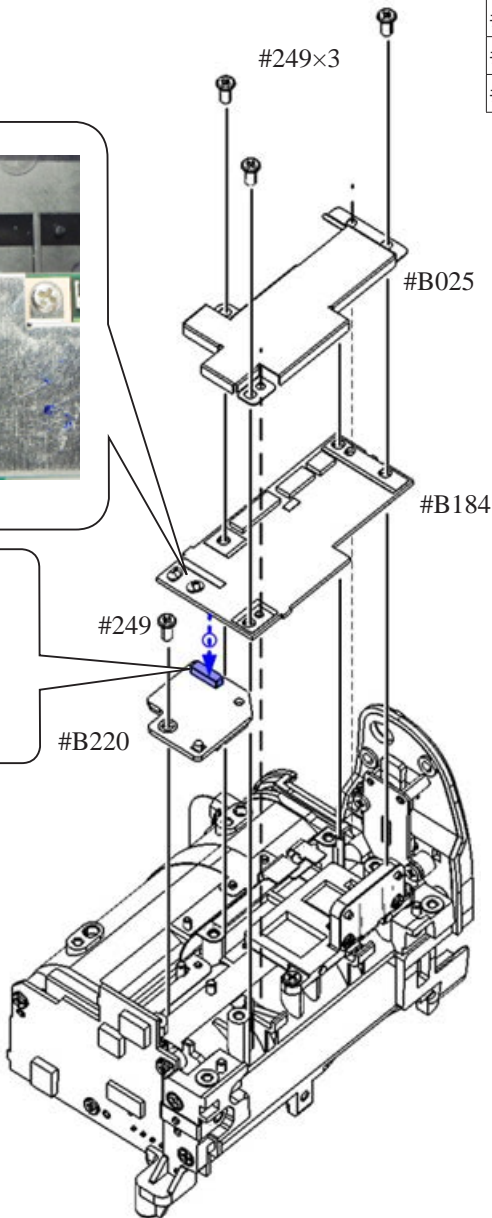
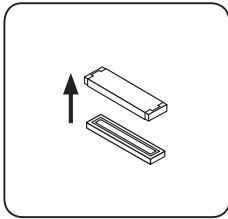
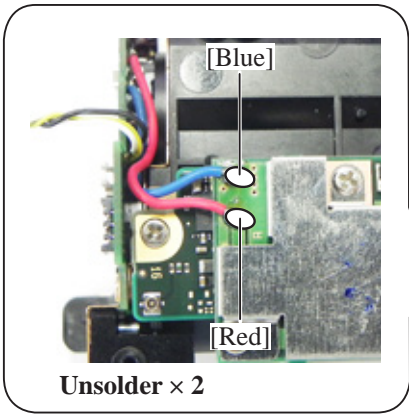
#190

Connection FPC

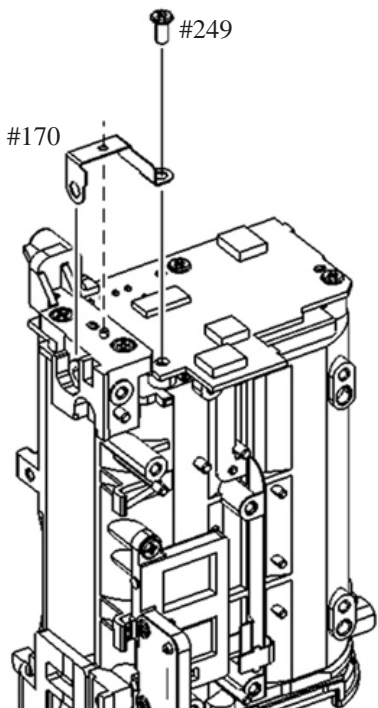




SZ-DCDC PCB

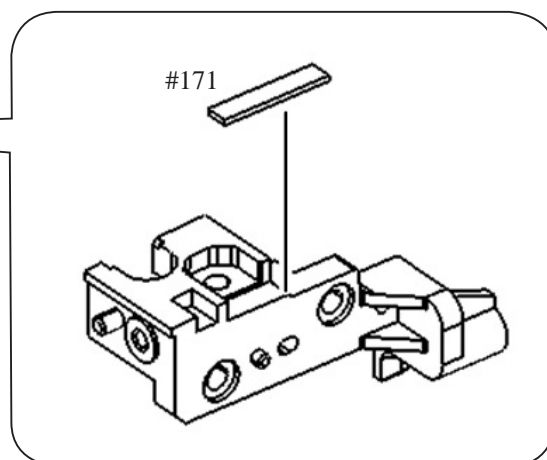
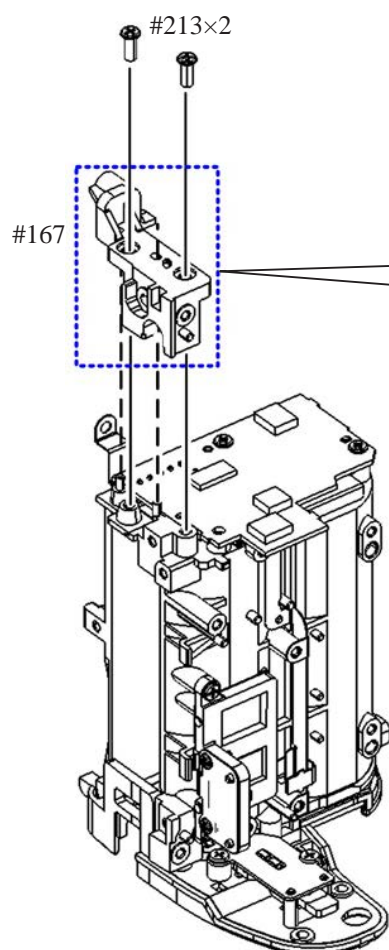


#B025	Shielding plate unit
#B184	SZ-DCDC PCB unit
#B220	Wi-Fi PCB unit

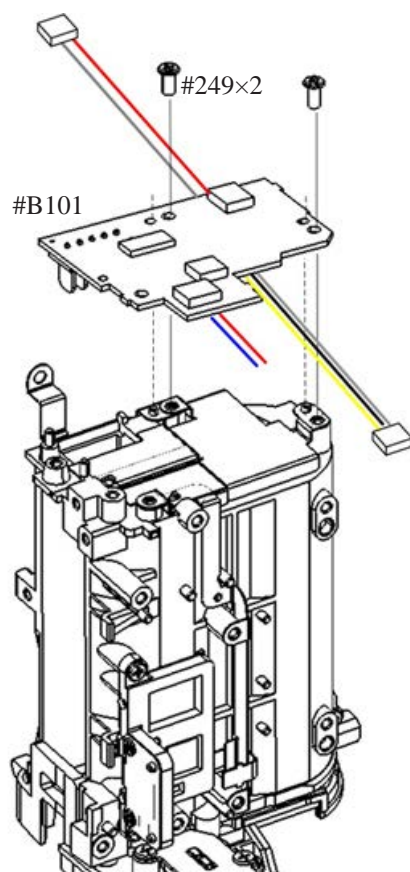


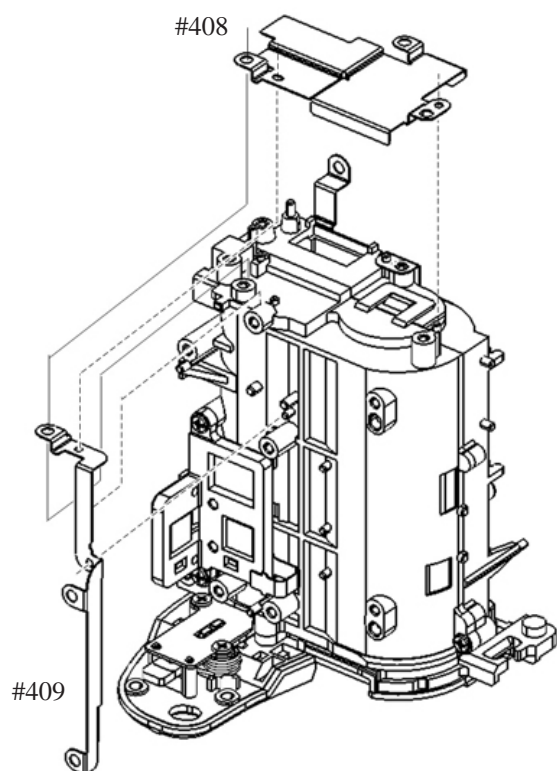
#170	Lug plate
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#167	Holder
#171	sponge

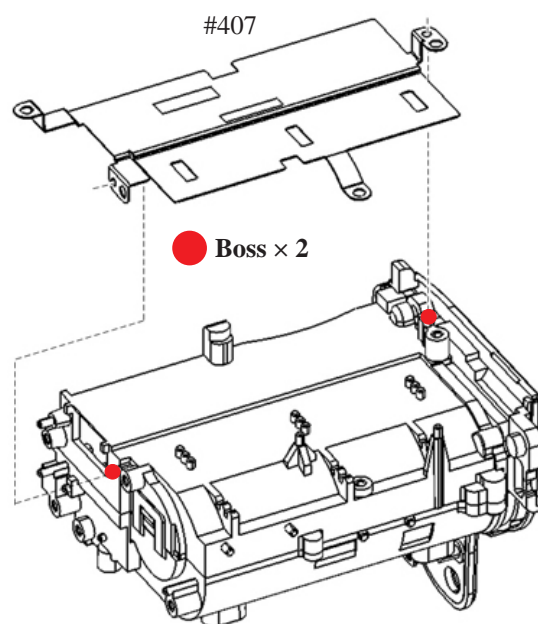
**PD PCB**

#B101	PD PCB unit
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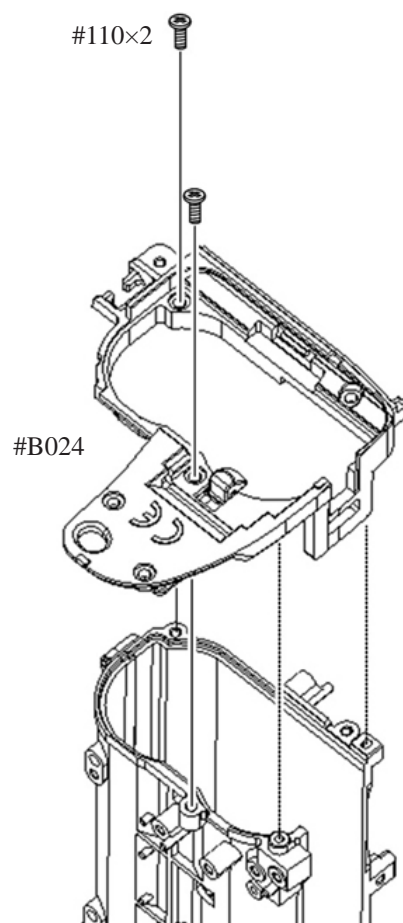
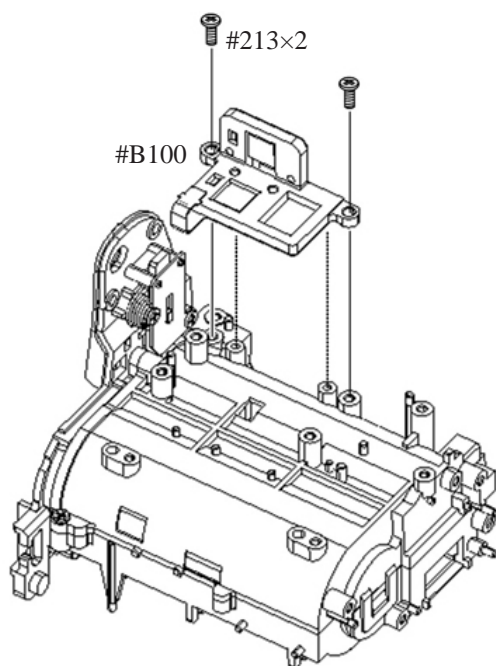


#407	GND plate
#408	GND plate
#409	GND plate

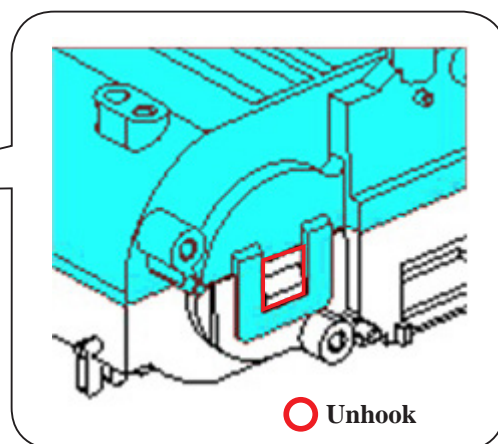
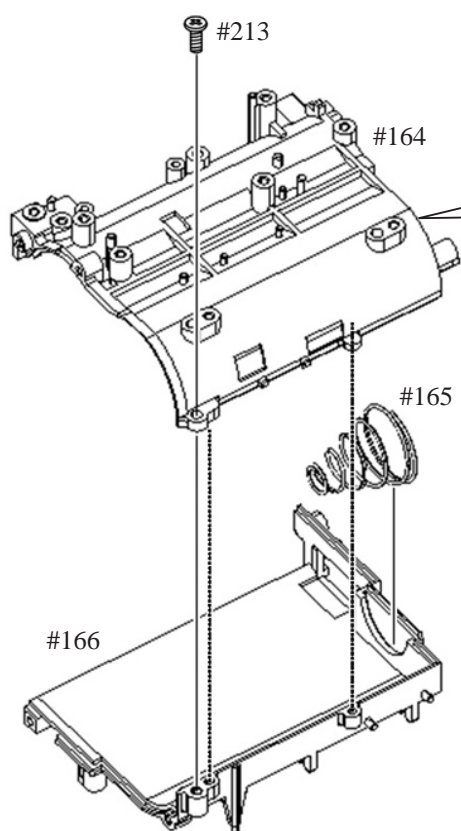


Battery cover

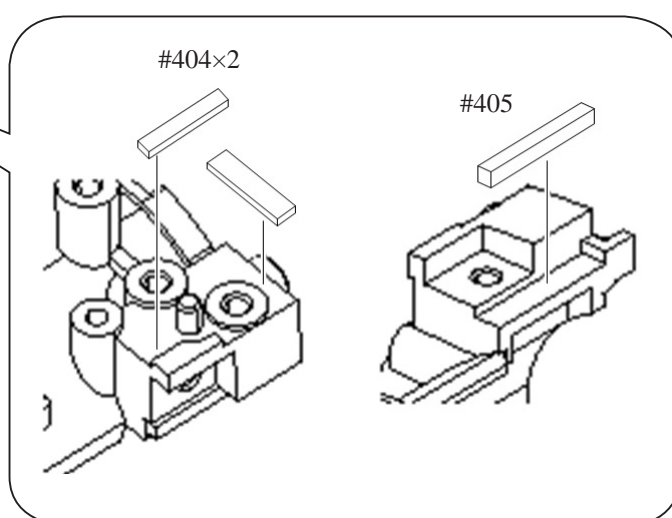
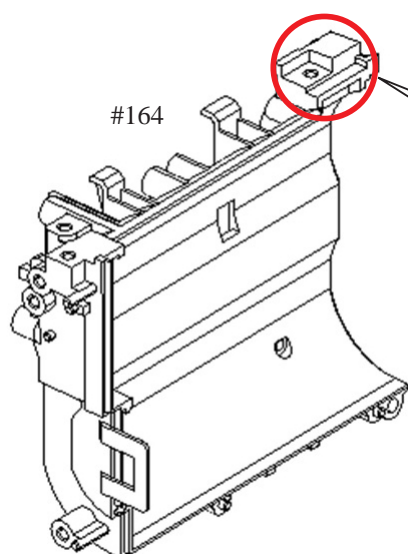
#B024	Under side cover unit
#B100	FPC unit



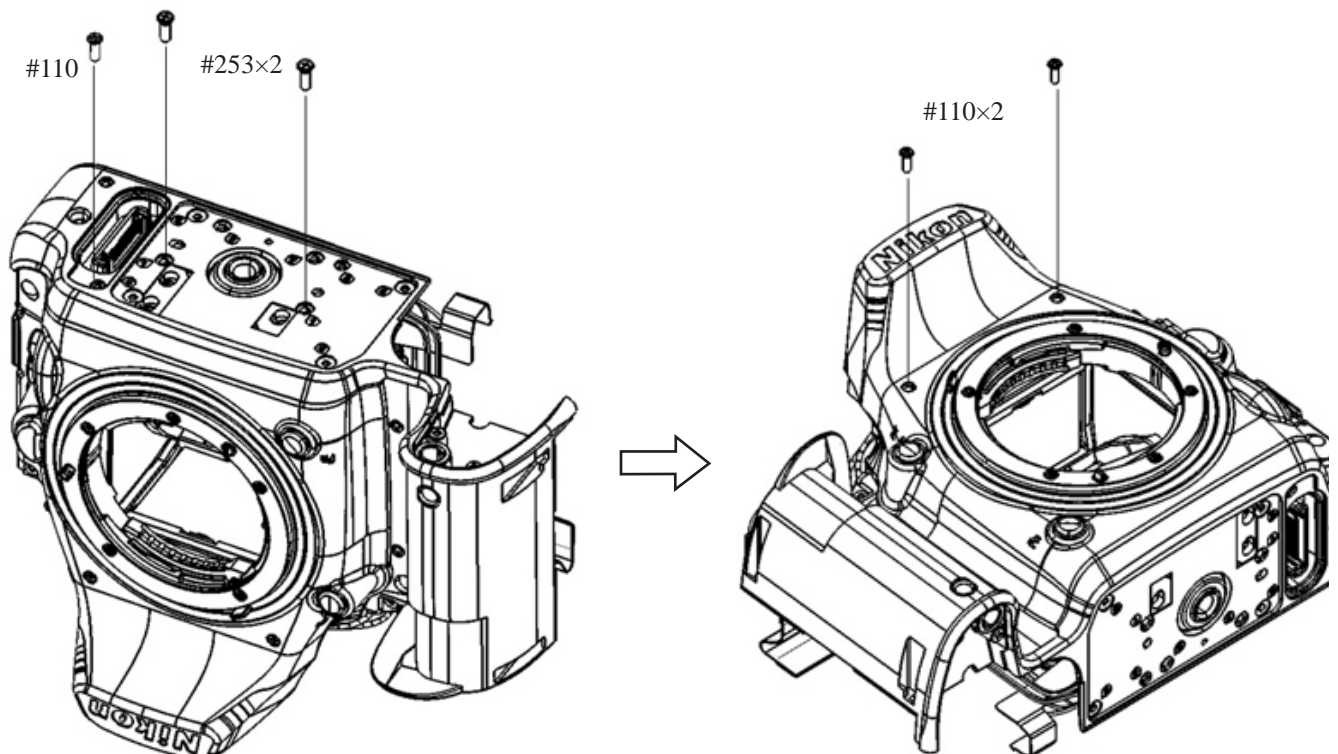
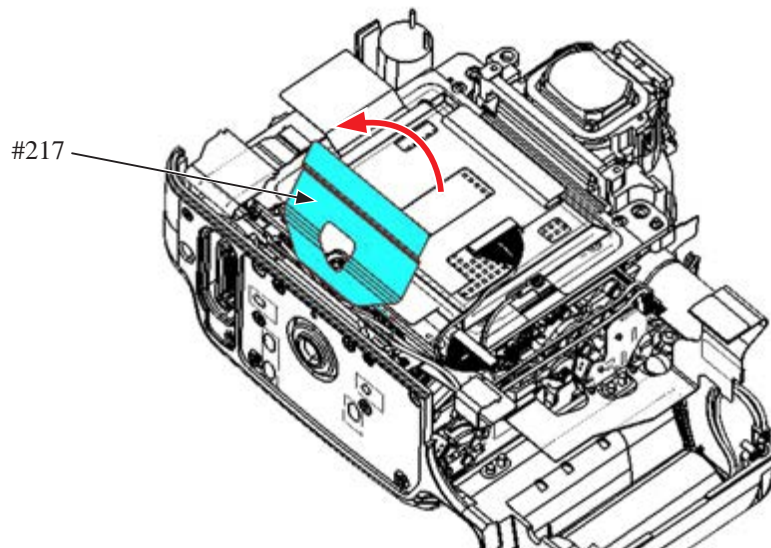
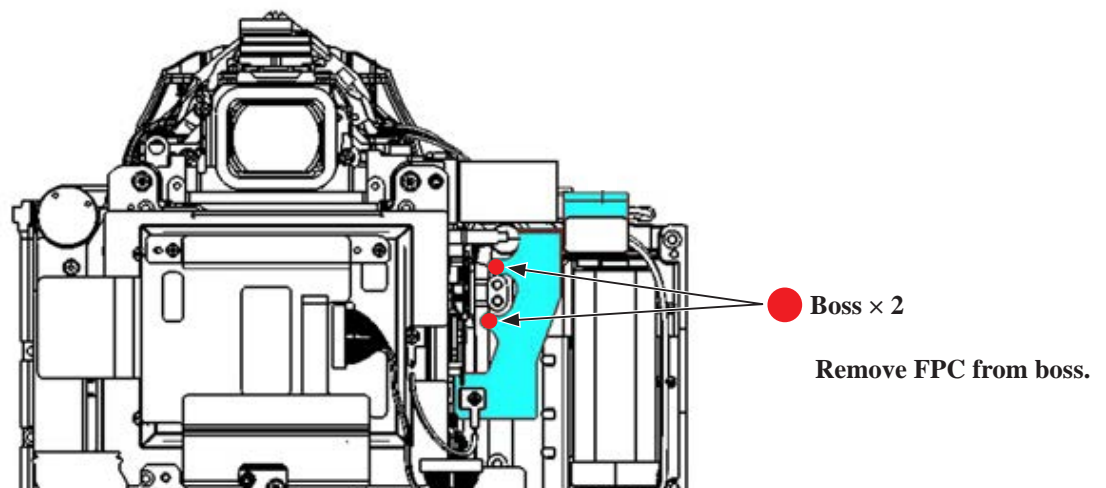
#164	Battery cover
#165	Spring
#166	Battery cover

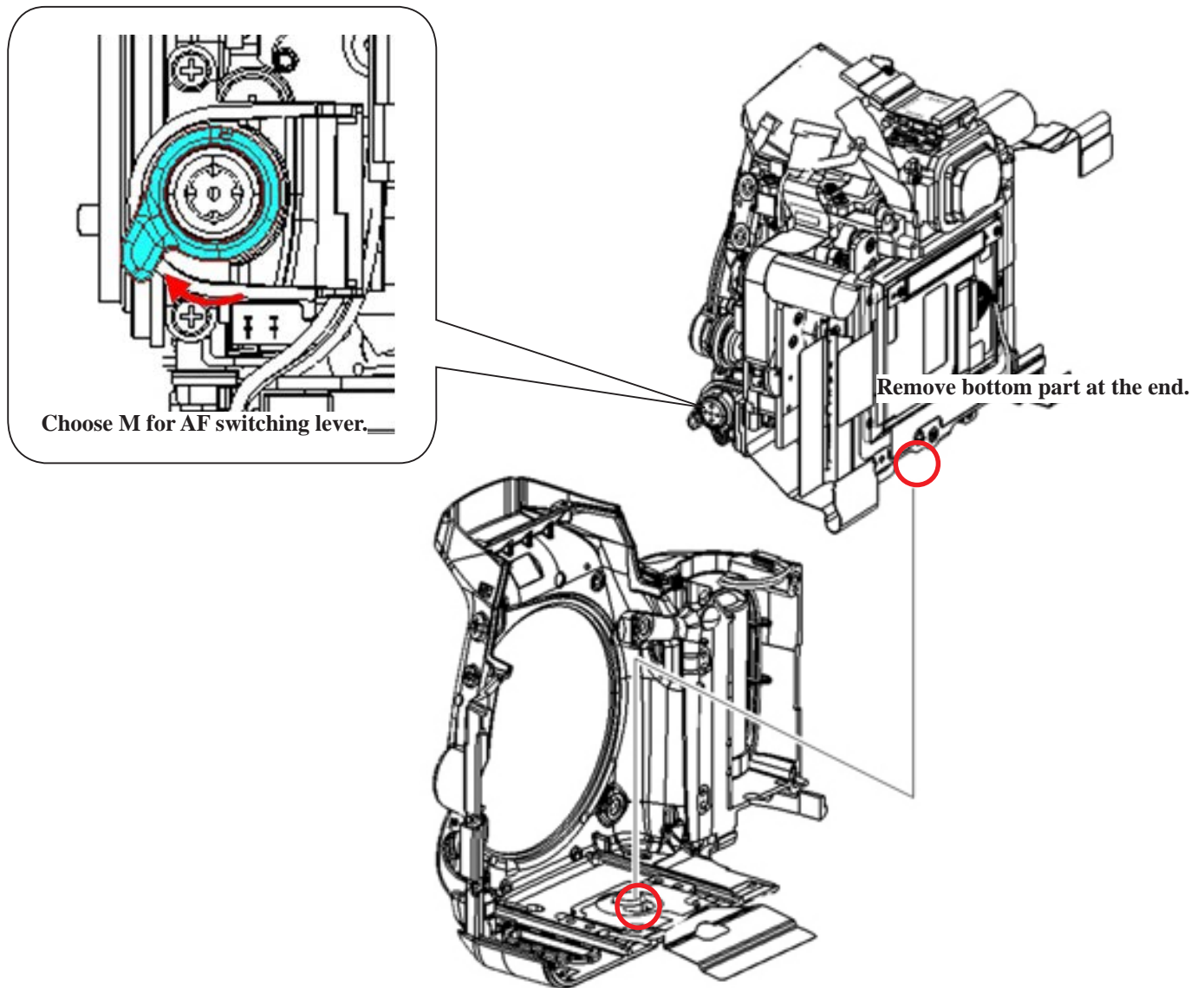


#404	Sponge
#405	Sponge



5. Separation of front body and front cover

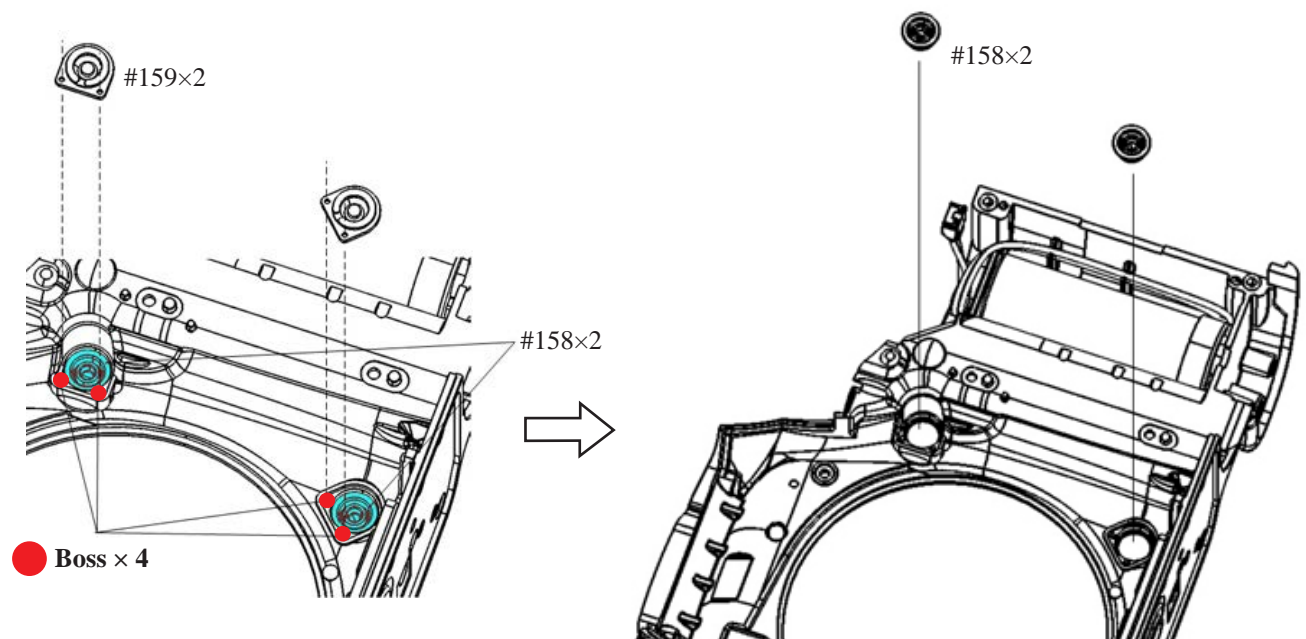




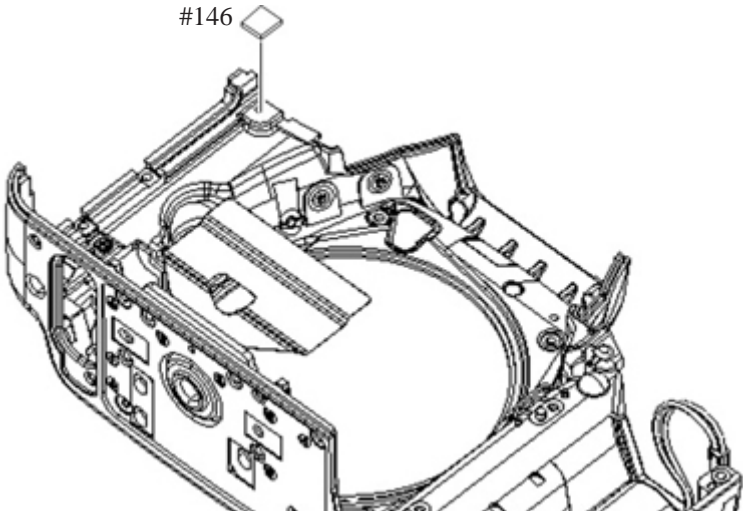
6. Front cover

Pv/Fn button

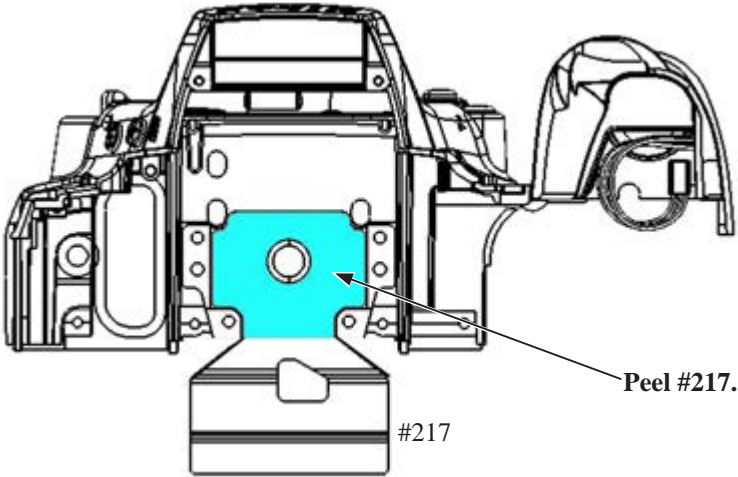
#158	Pv/Fn button
#159	Button rubber



#146	Rubber
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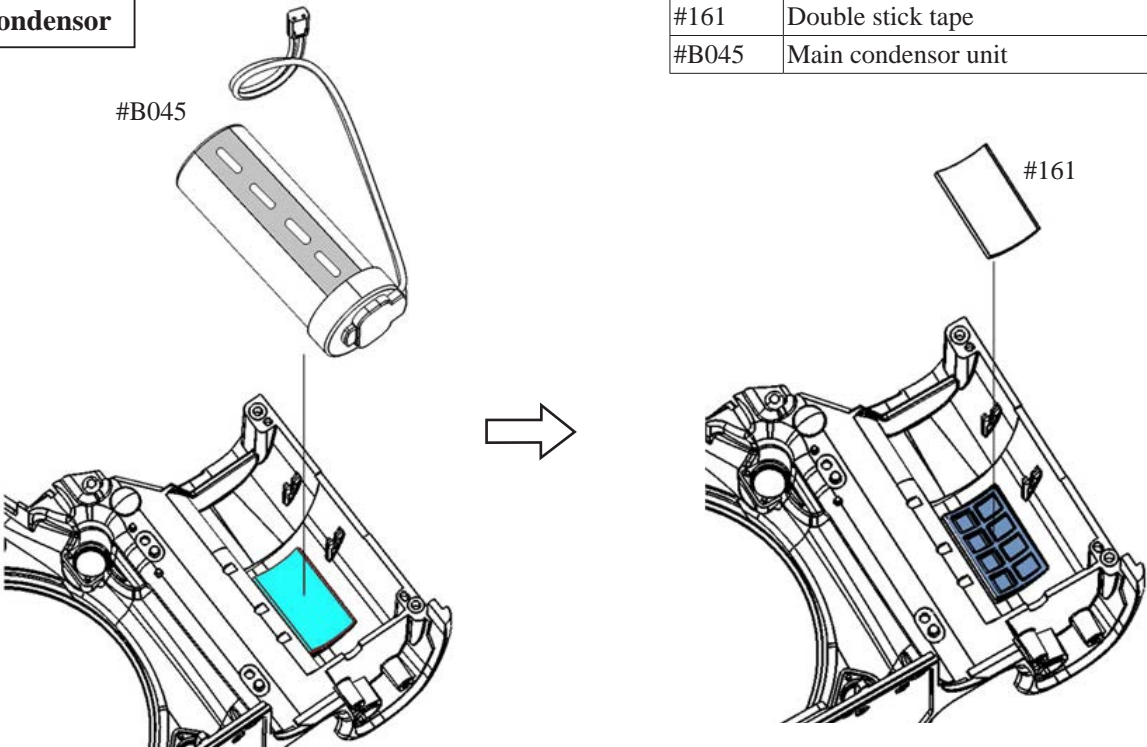


#217	Radiating sheet
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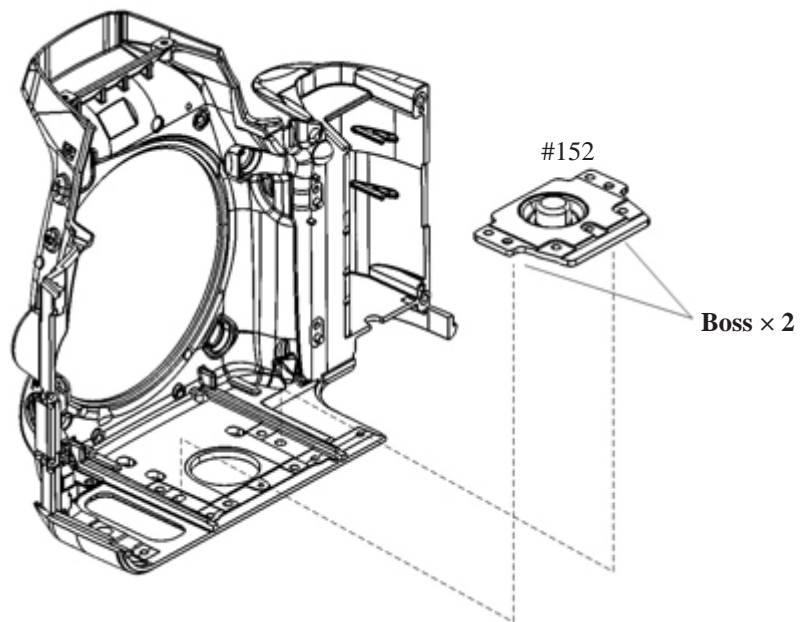
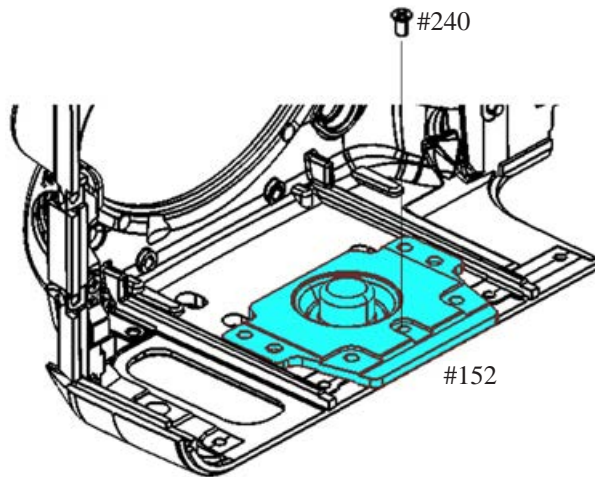
Main condensor

#161	Double stick tape
#B045	Main condensor unit

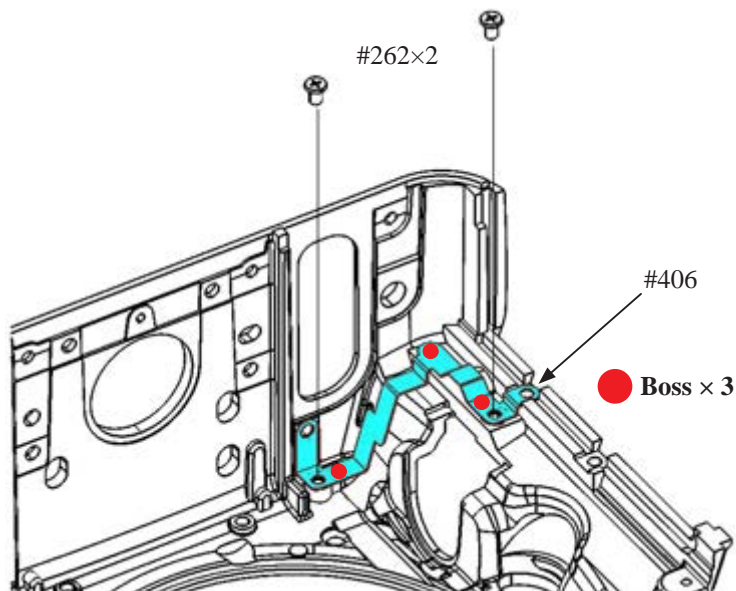


Tripod base

#152	Tripod base
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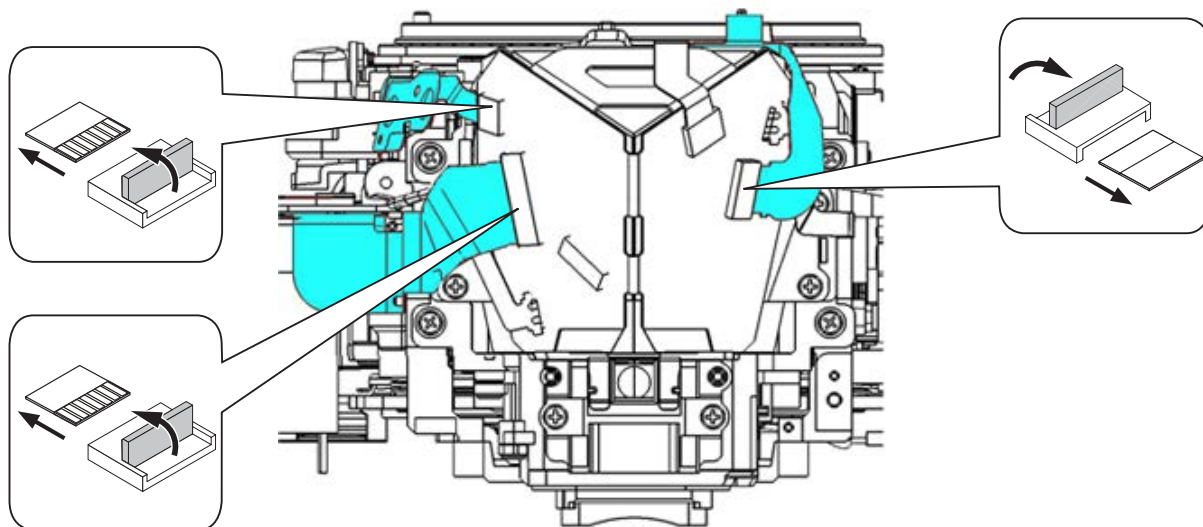
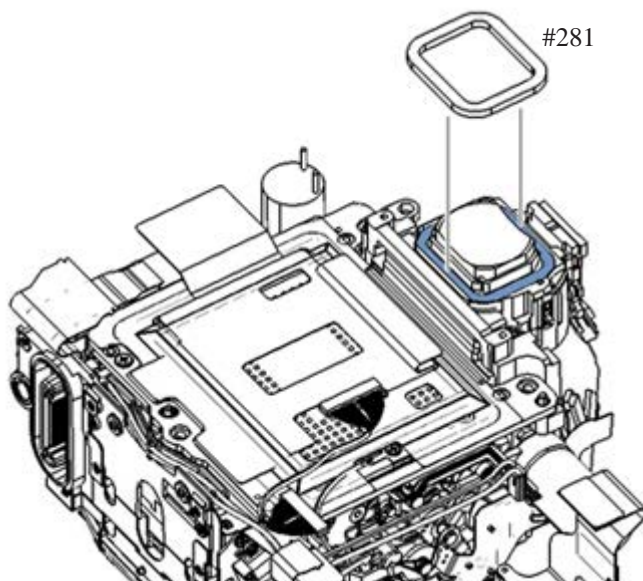
#406	GND plate
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7. Front body

#281

Sponge

Remove penta Prism

#B065

Prism box unit

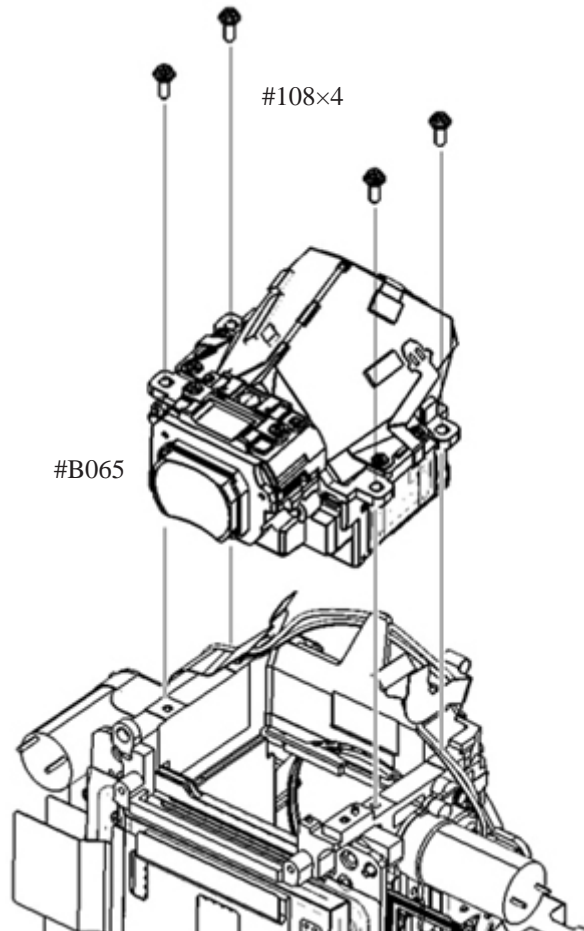
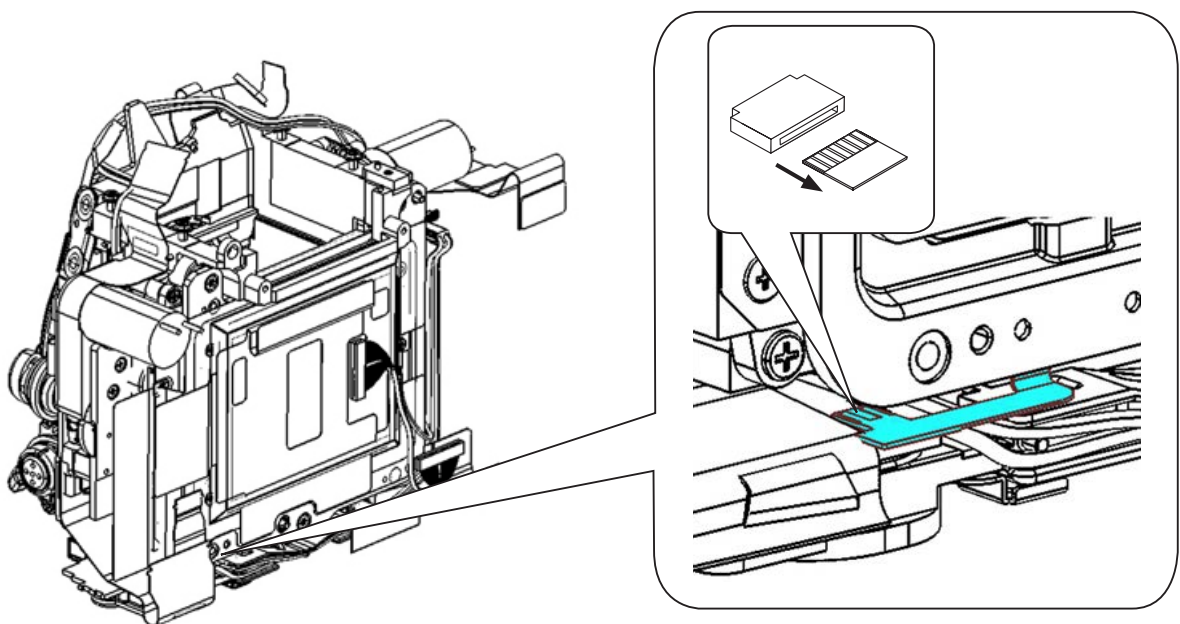
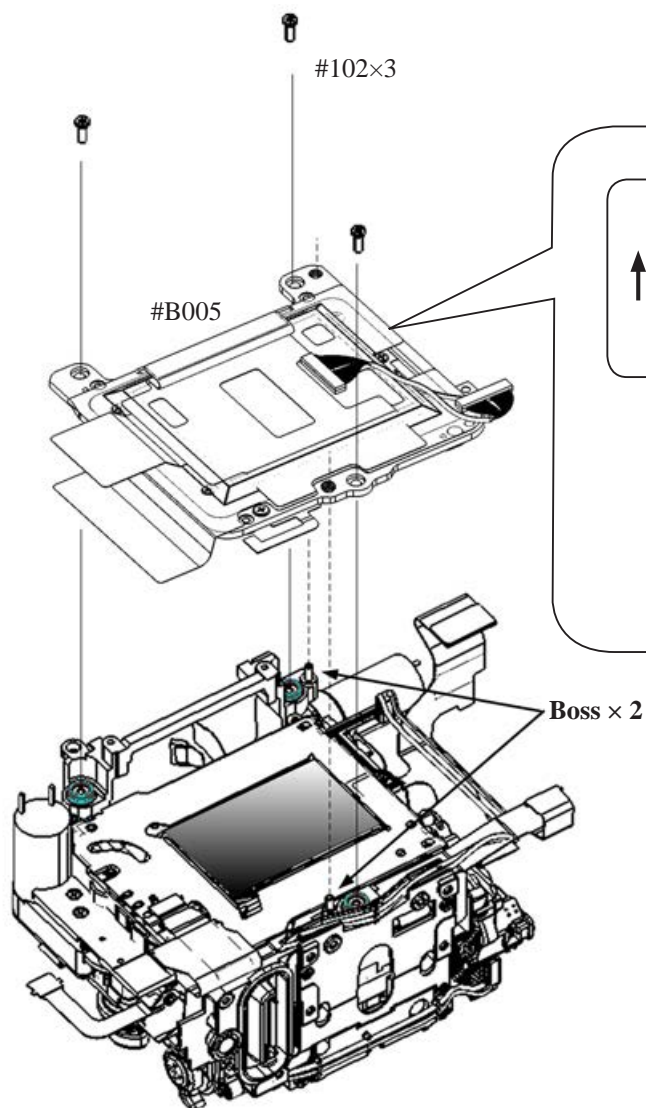
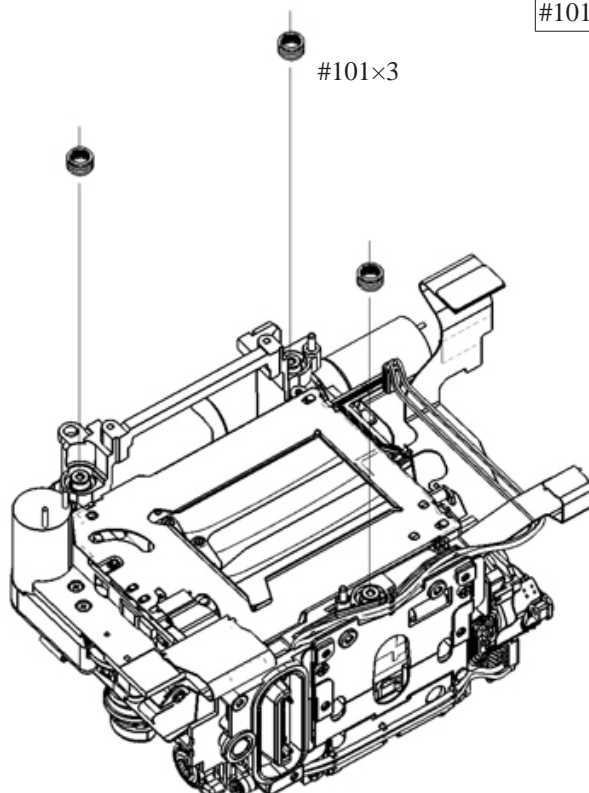


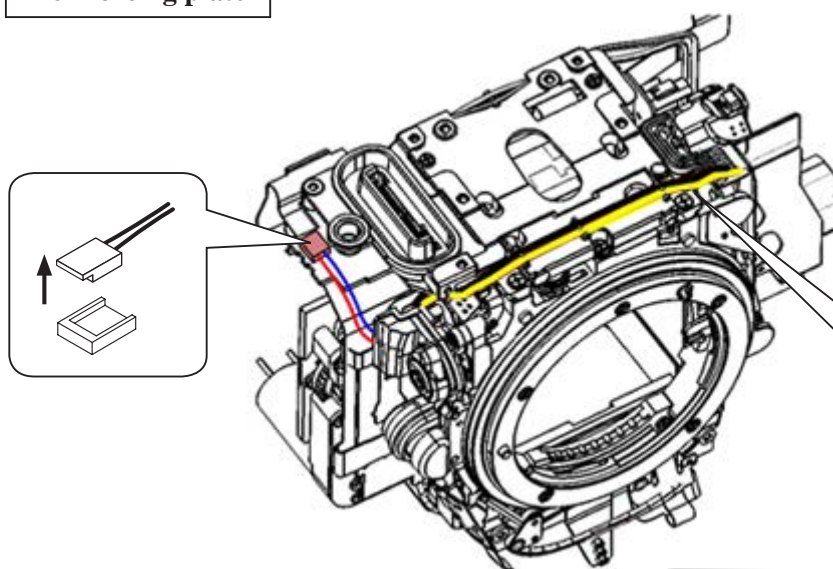
Image Sensor unit



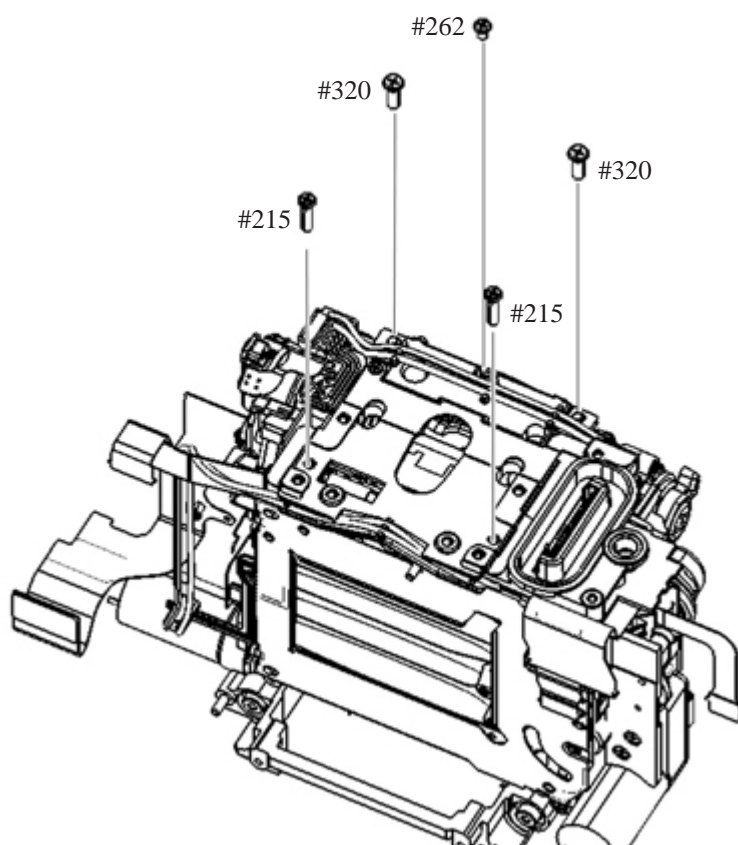
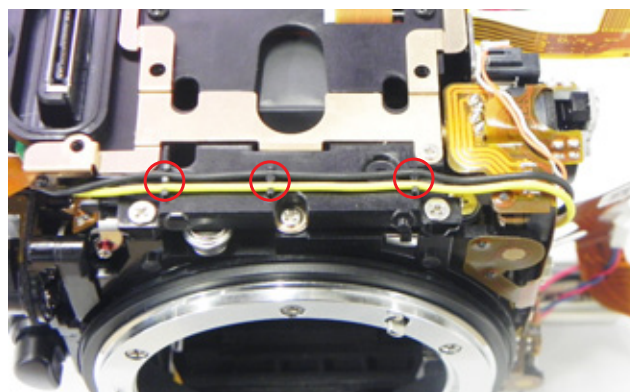
#201	Harness
#B005	Image sensor unit

#101	Spring
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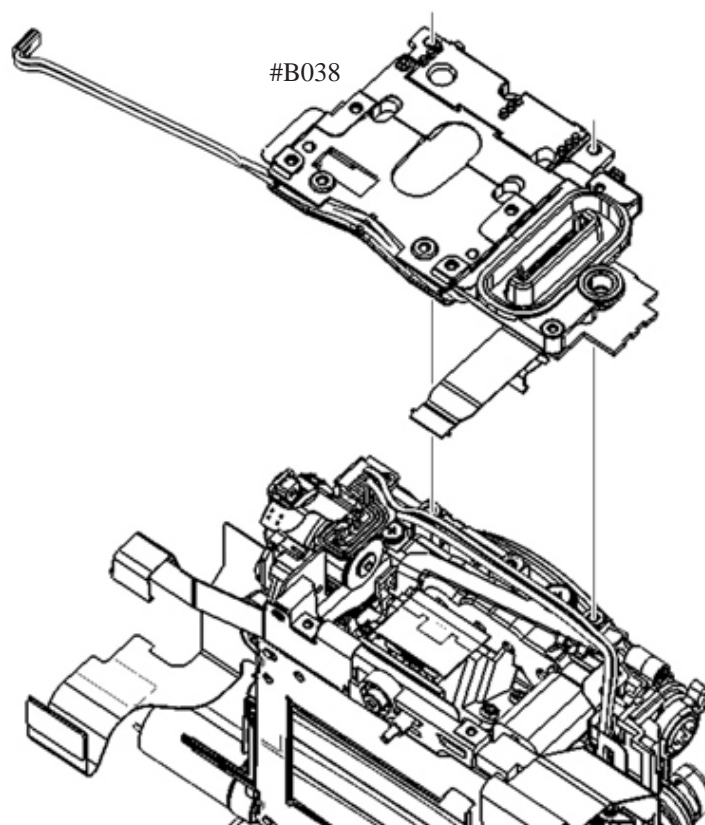


Reinforcing plate Guide × 3

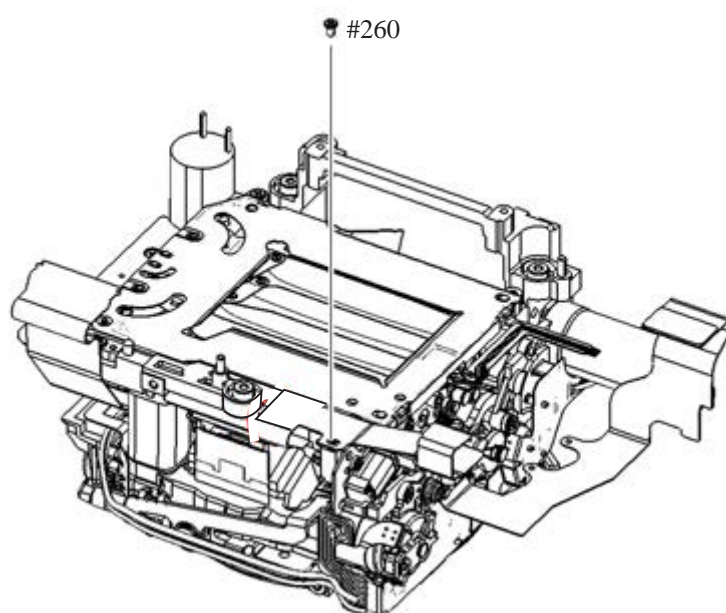
Remove the code from guide.



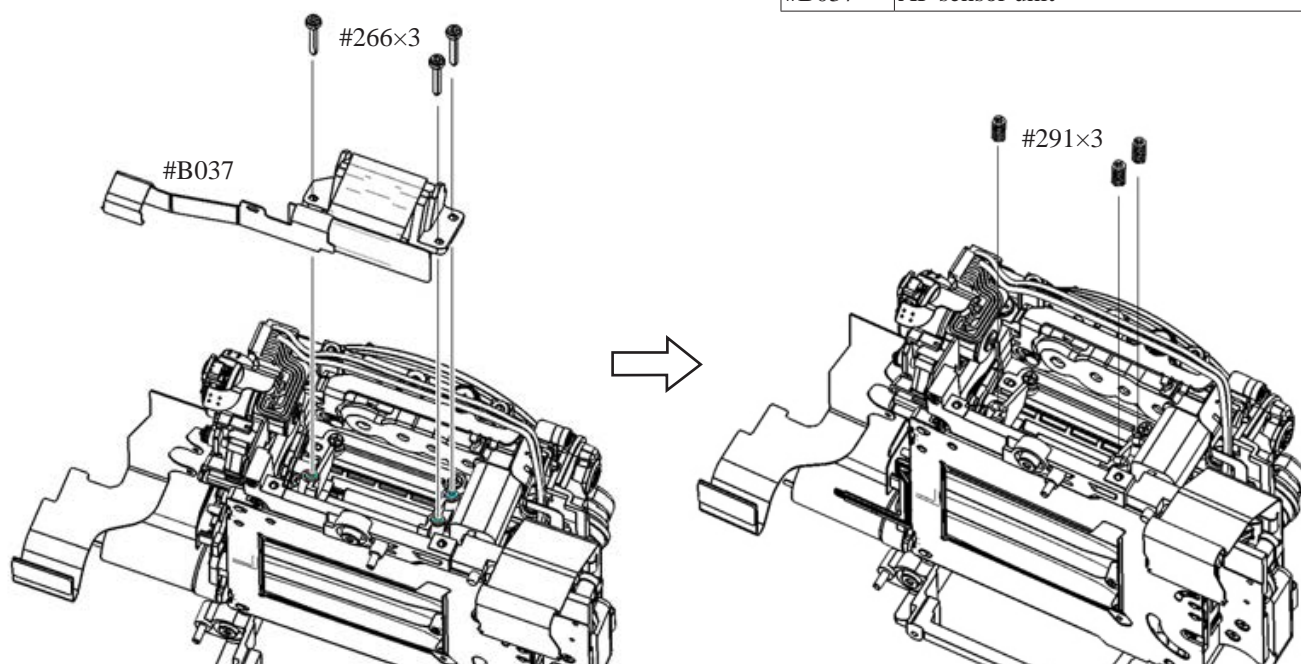
#B038	Reinforcing plate unit
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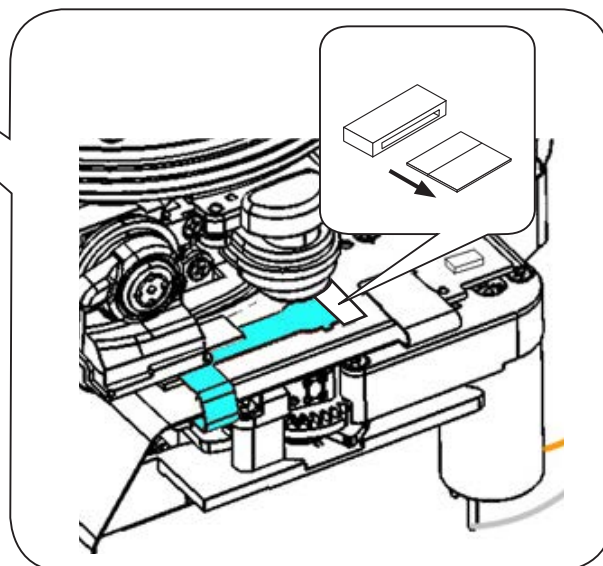
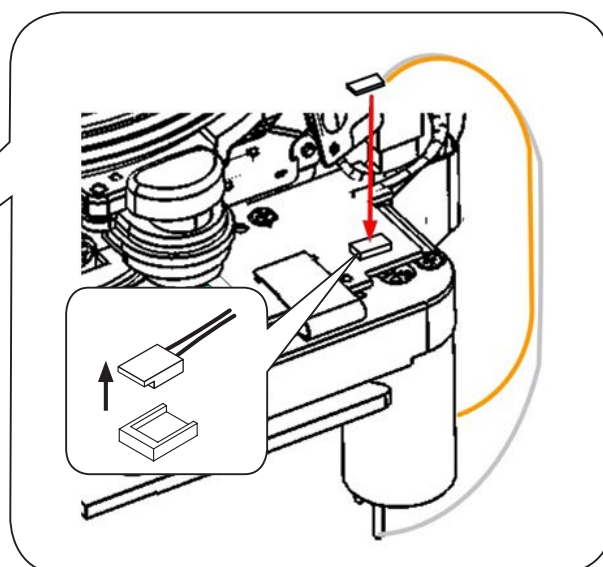
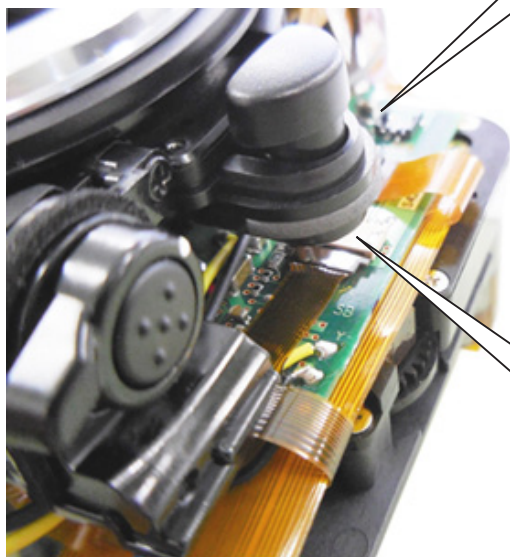
AF sensor

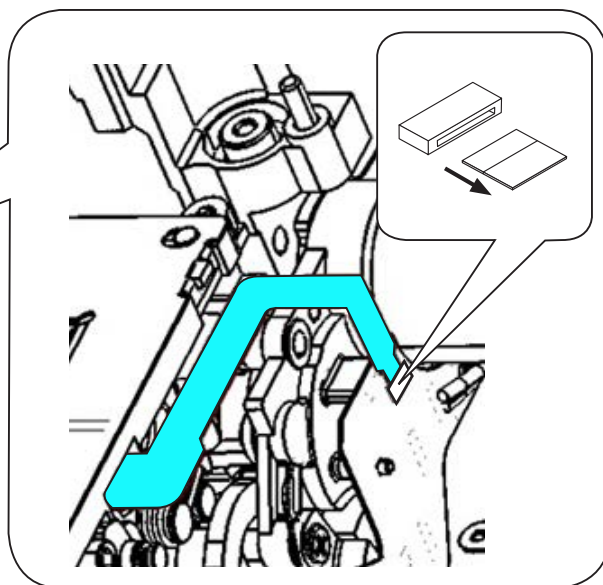


#291	Spring
#B037	AF sensor unit

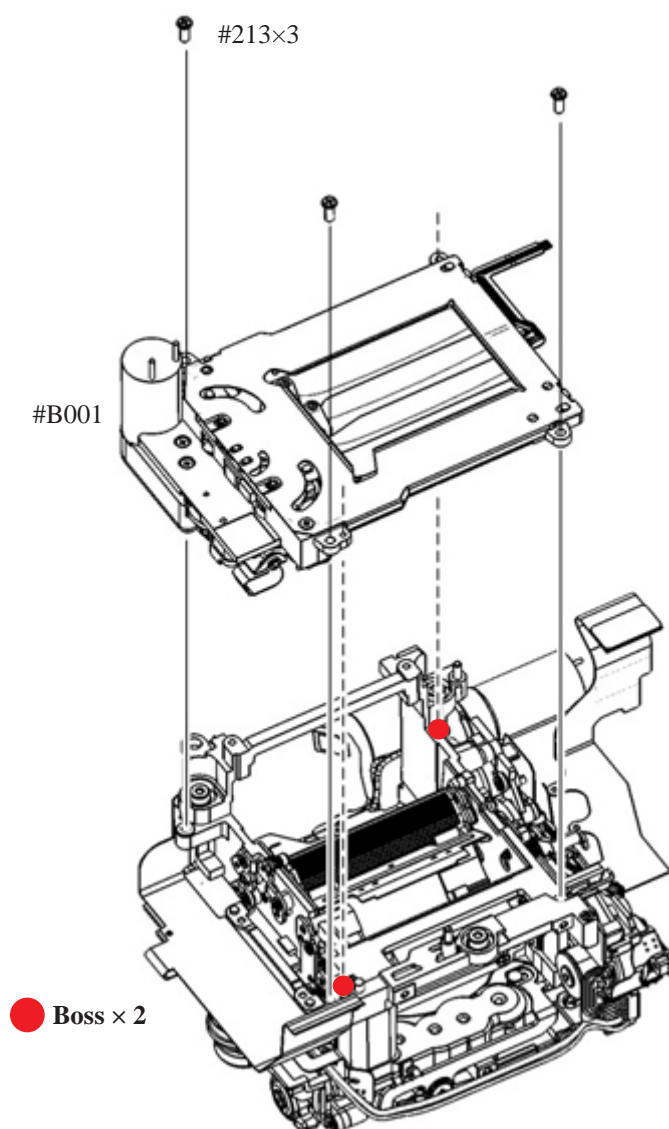


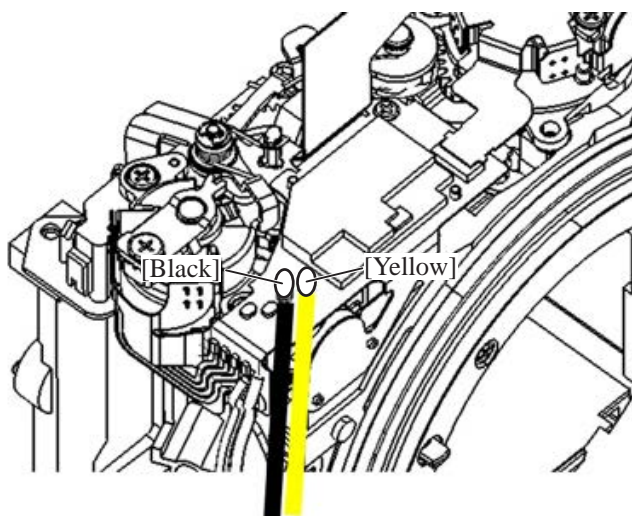
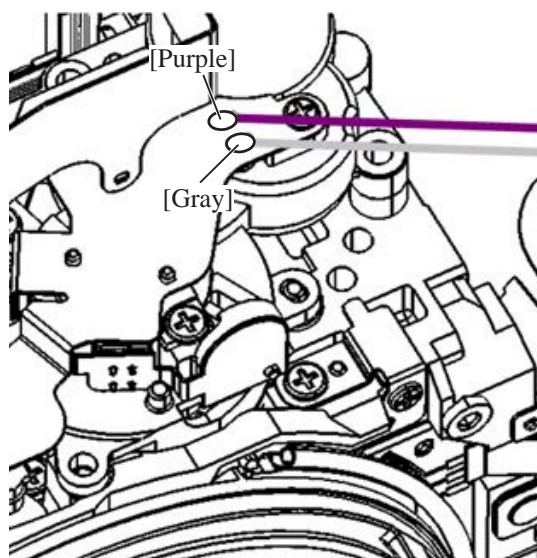
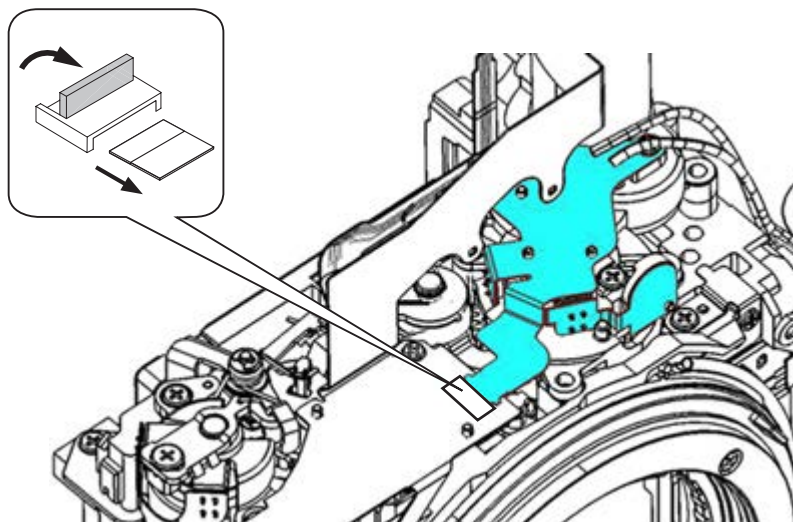
Shutter unit



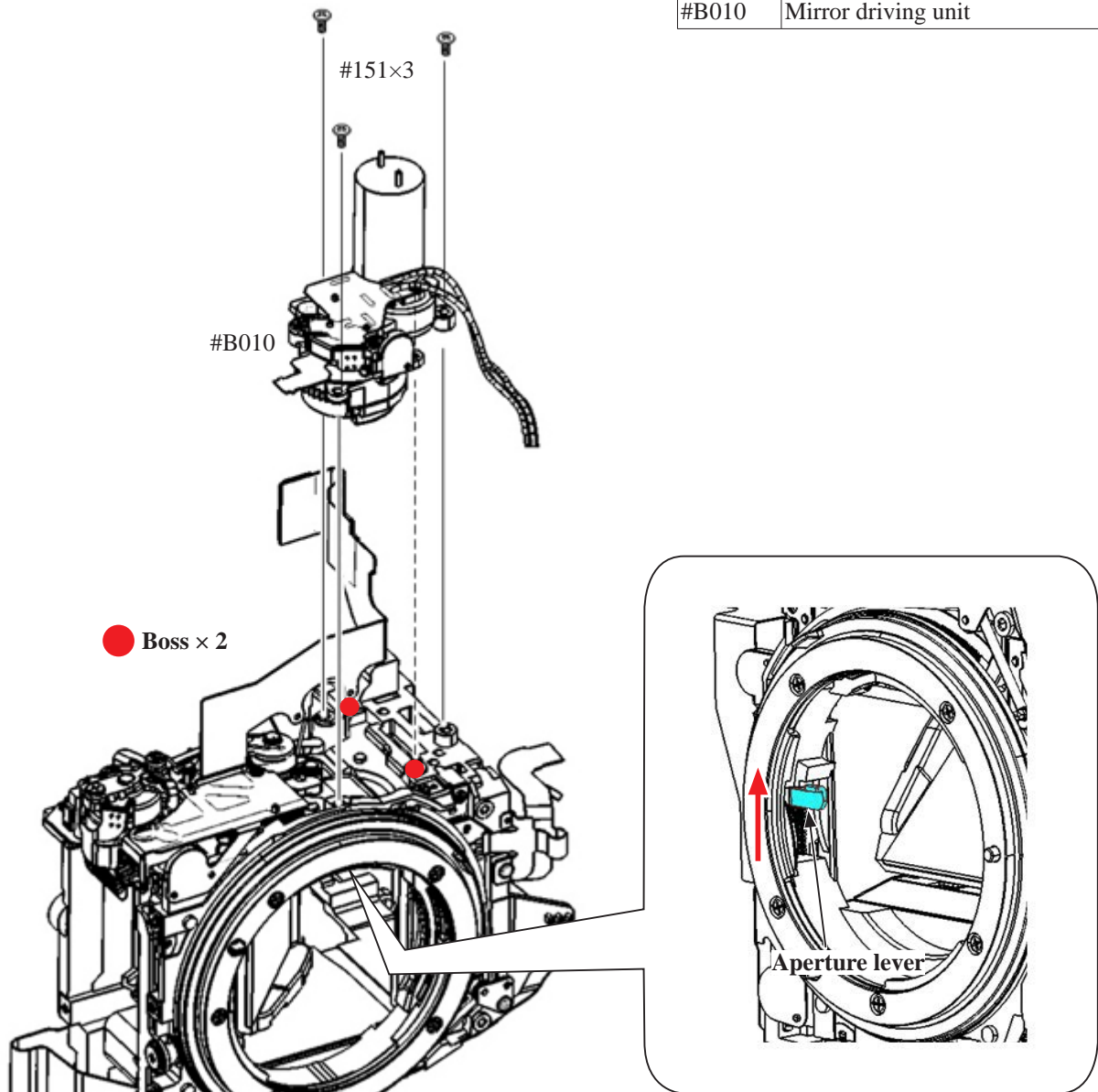


#B001	Shutter plate unit
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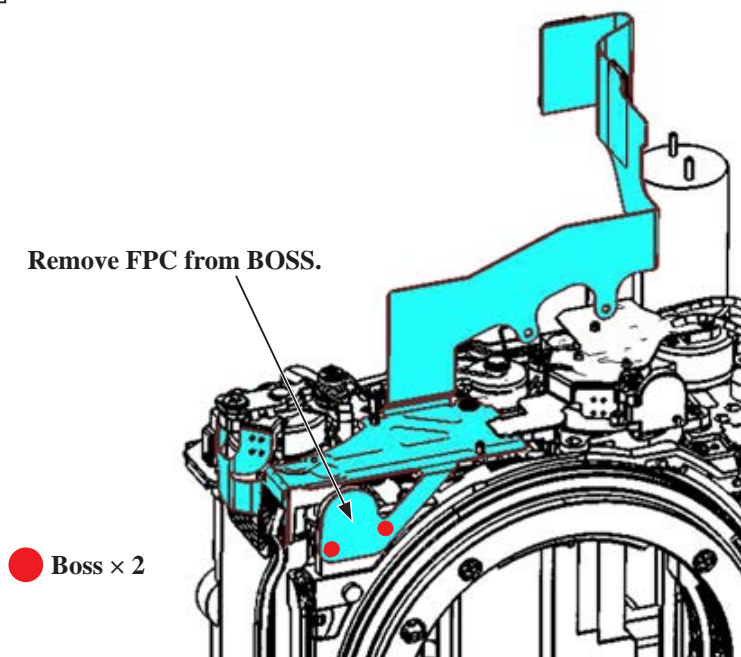


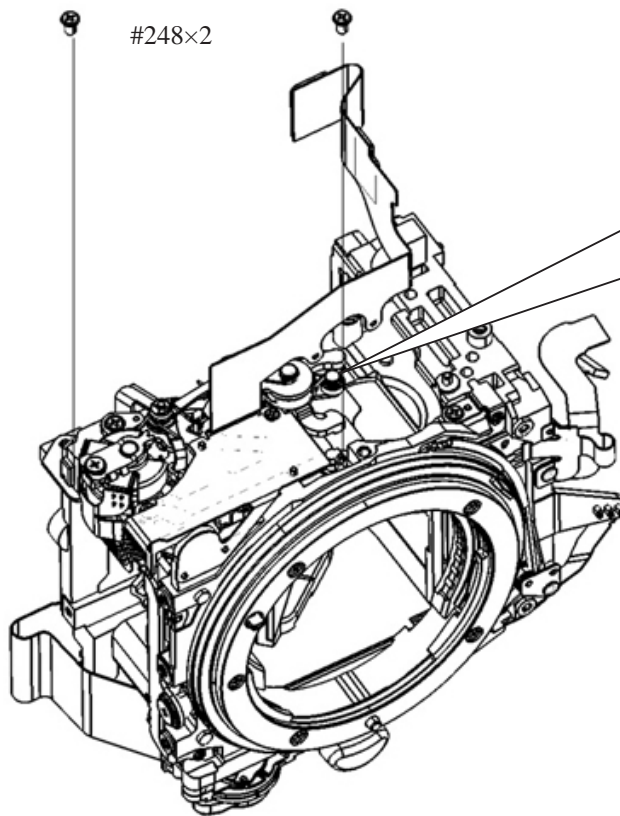
Mirror driving unit**Unsolder × 2****Unsolder × 2**

#B010	Mirror driving unit
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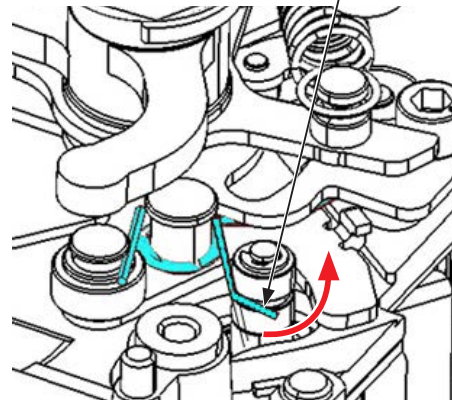


I PCB

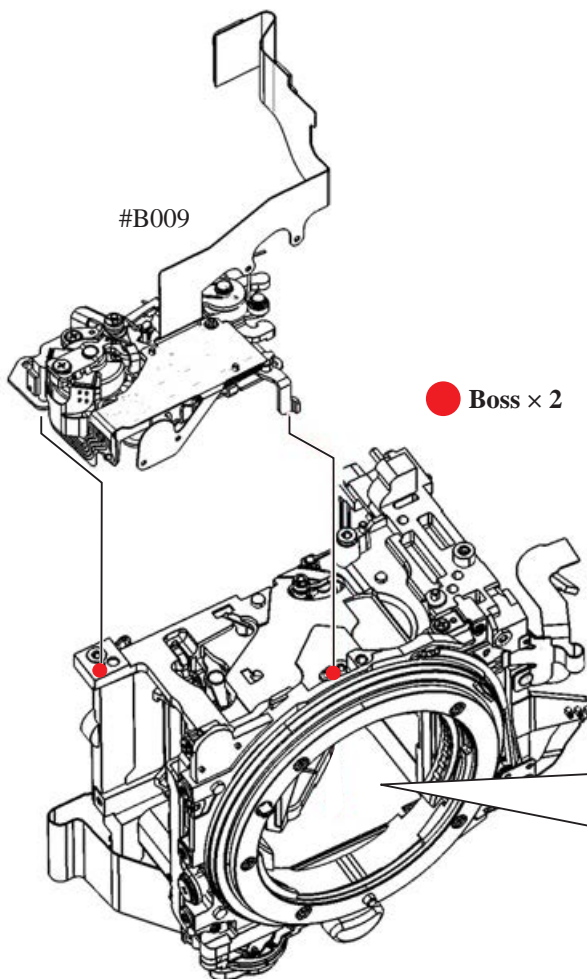




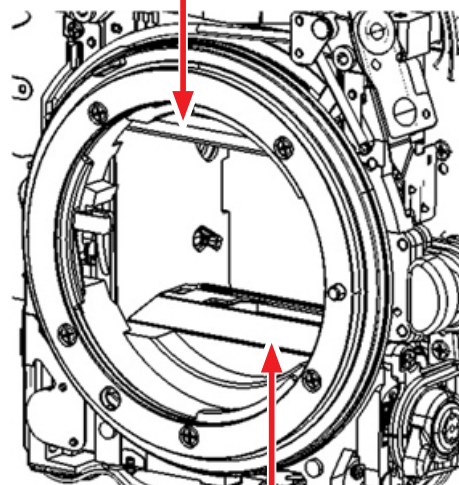
Remove the spring from roller.



#B009	I plate unit
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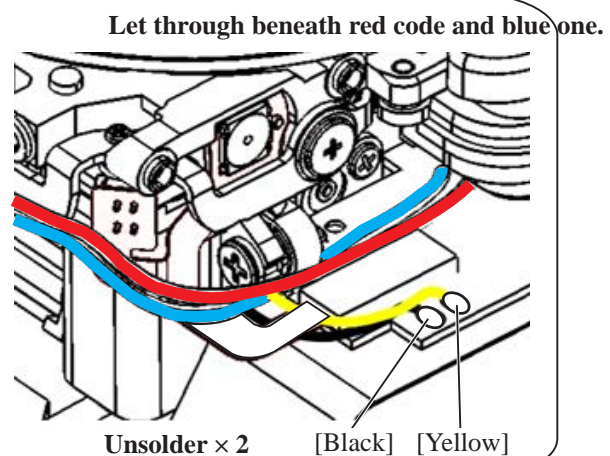
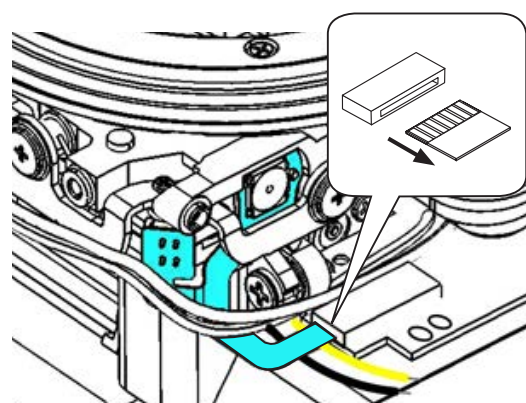
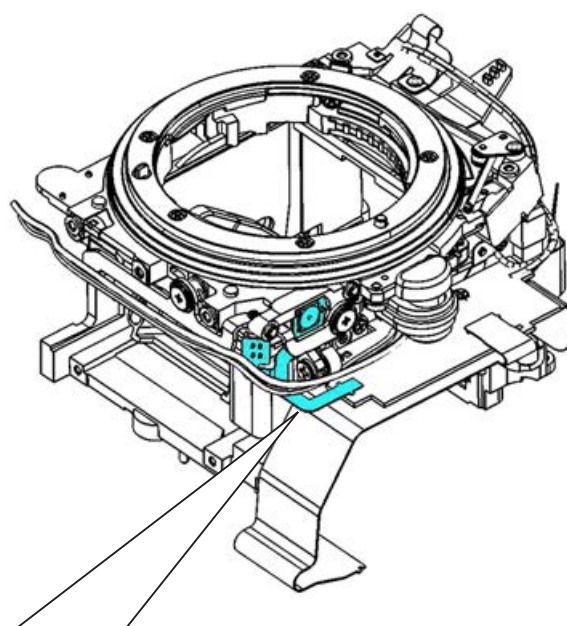
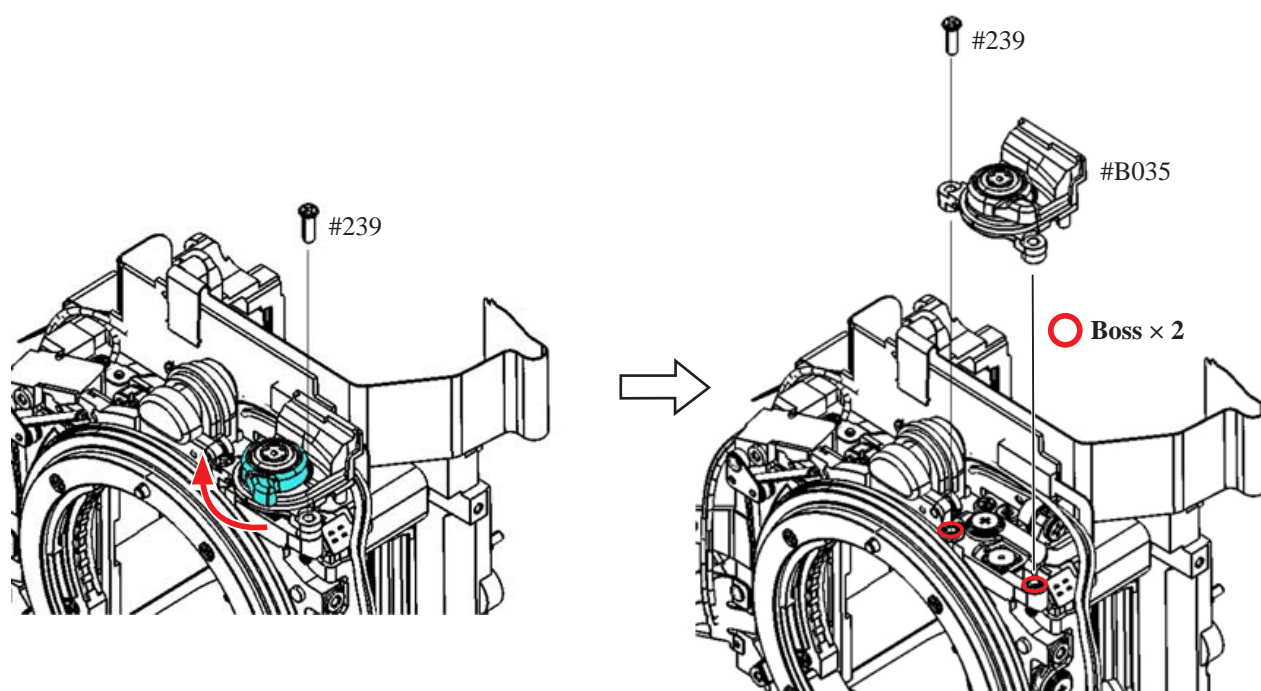
Mirror up



Light shielding plate down

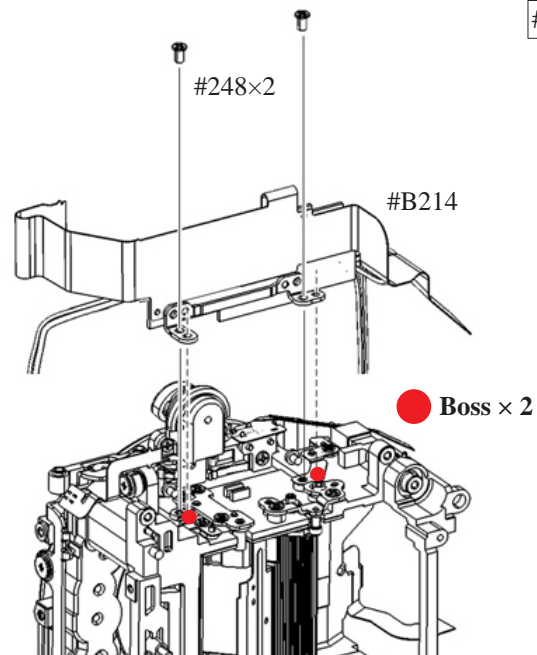
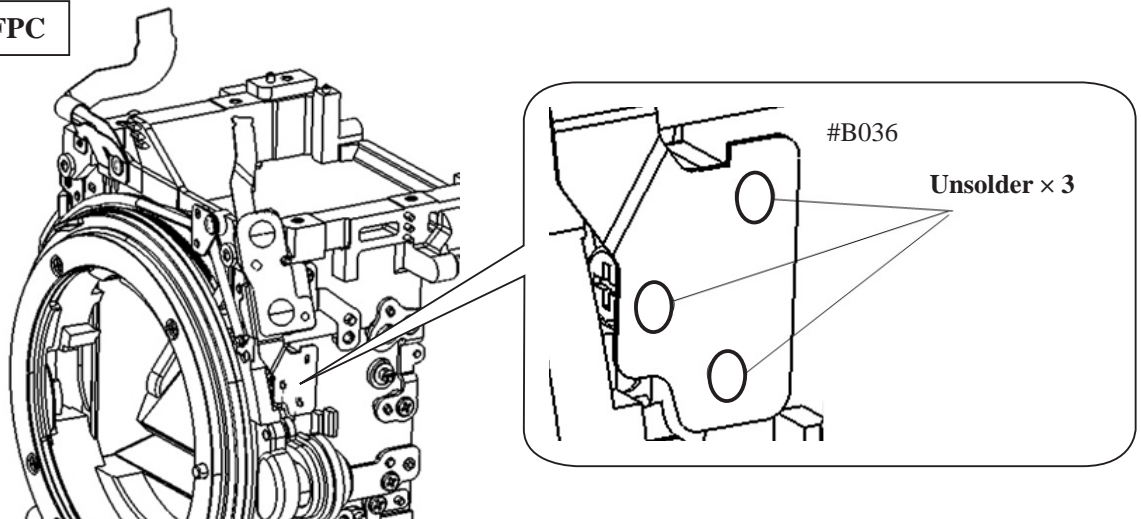
AF-M unit

#B035 AF-M unit

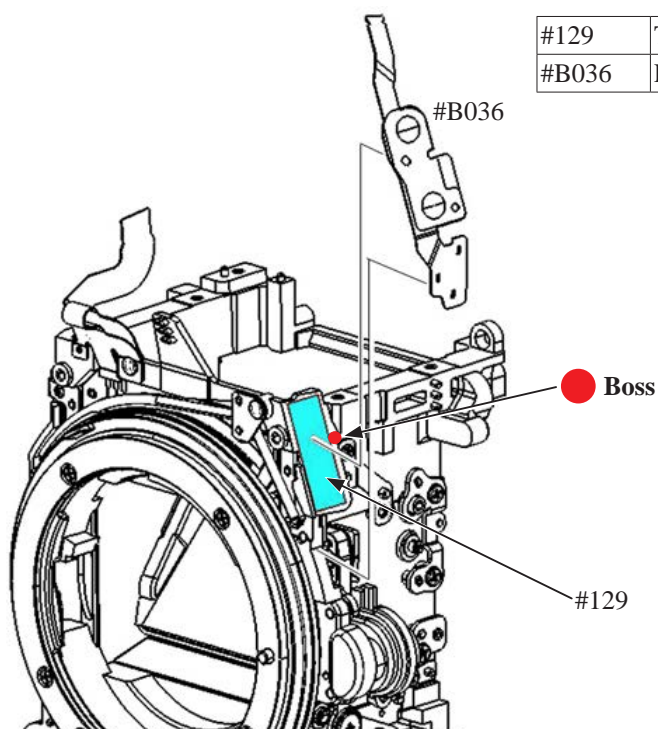


MD PCB

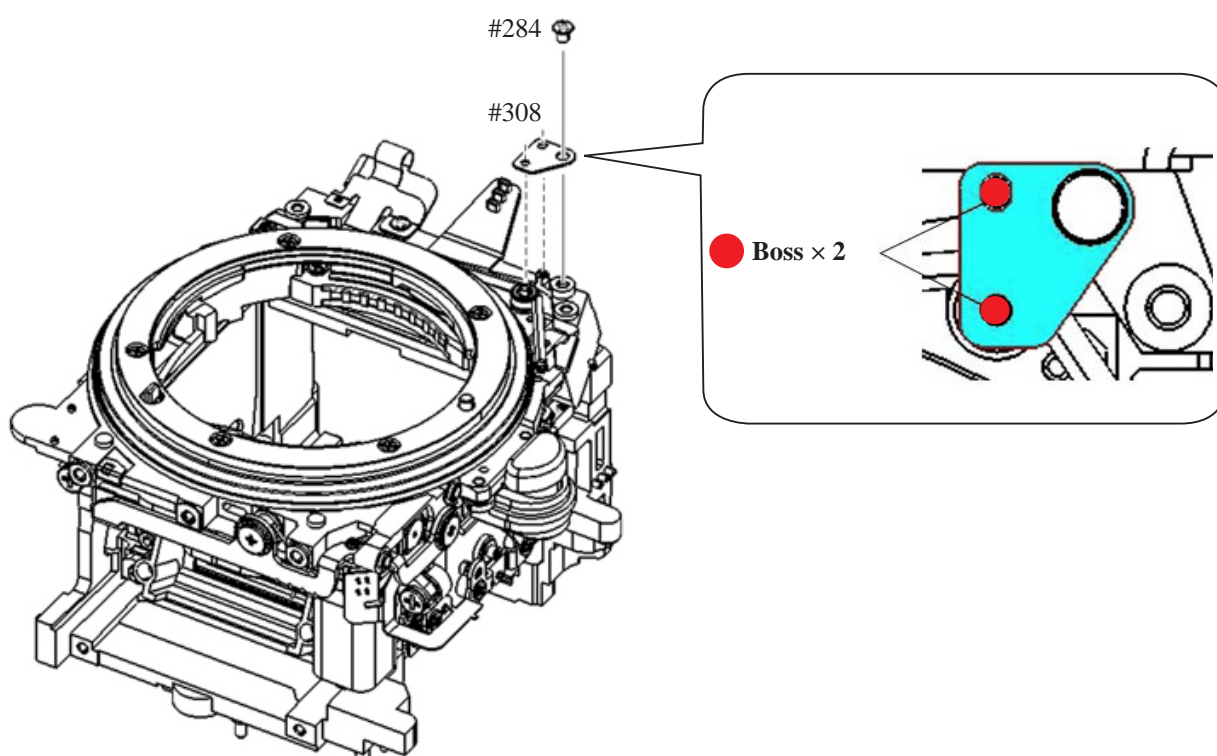
#B214	MD PCB unit
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**Front body FPC**

#129	Tape
#B036	Front body FPC unit

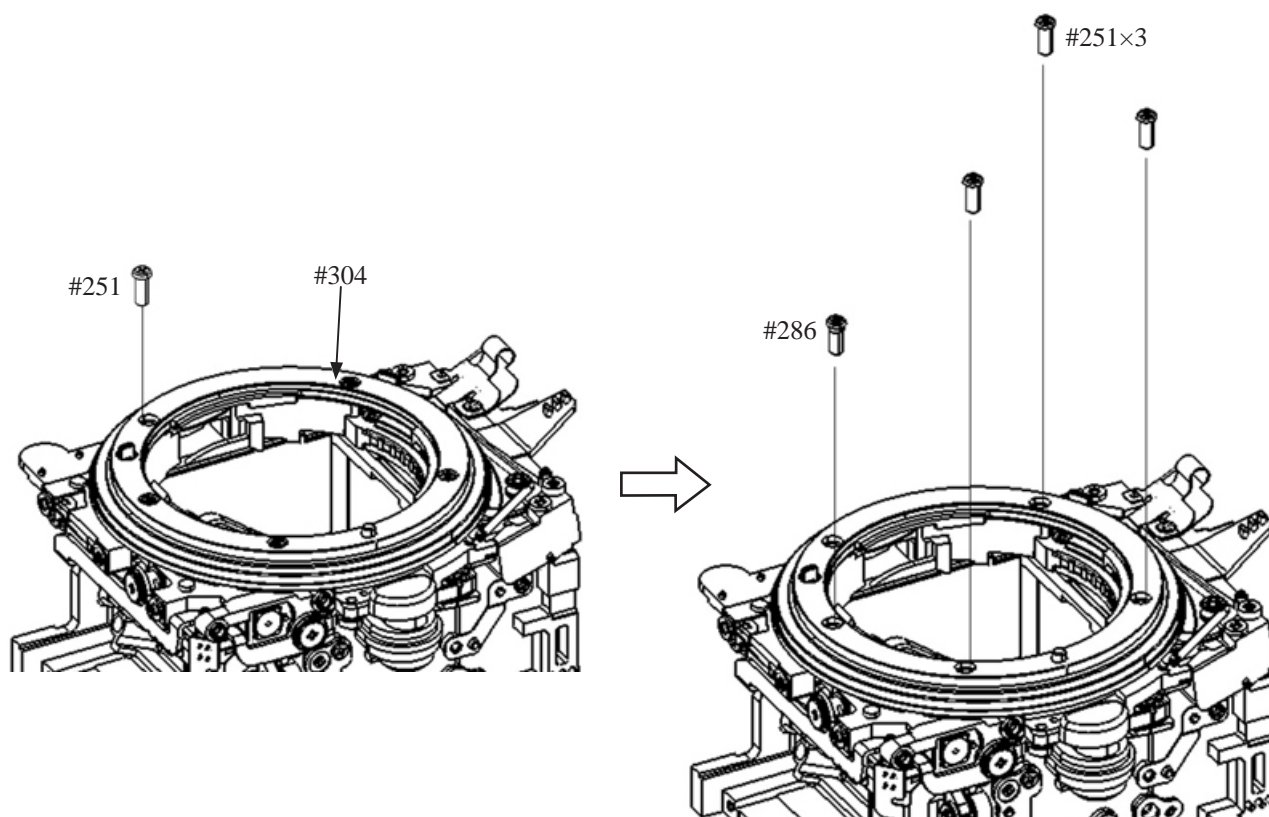


#308	Retainer plate
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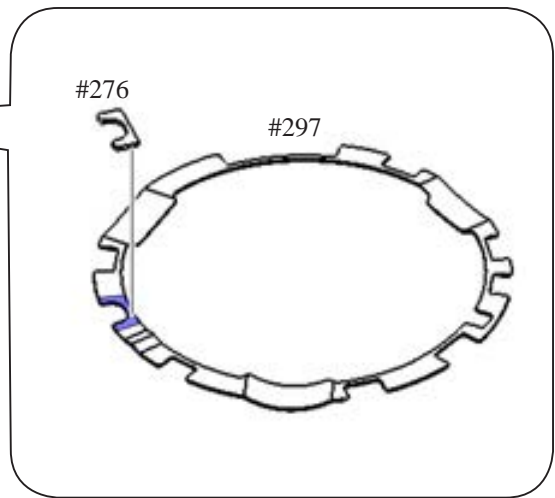
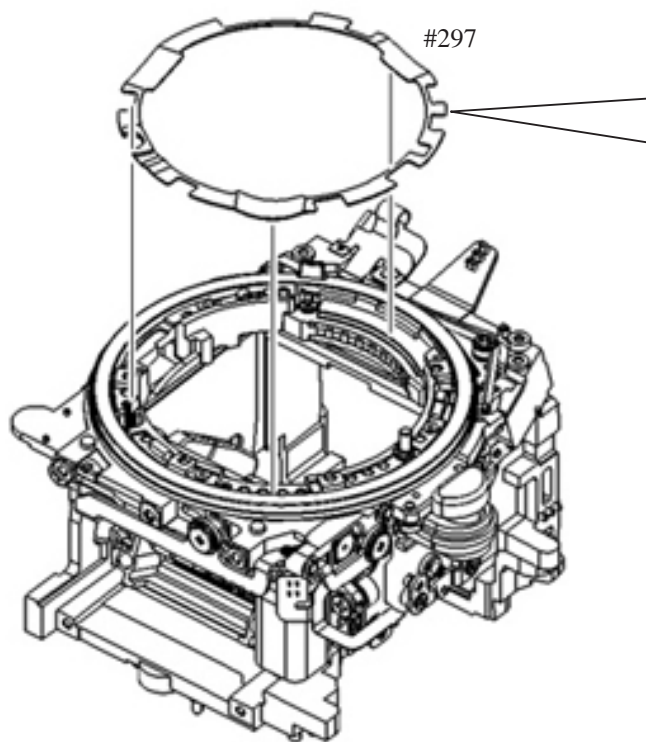


Bayonet mount

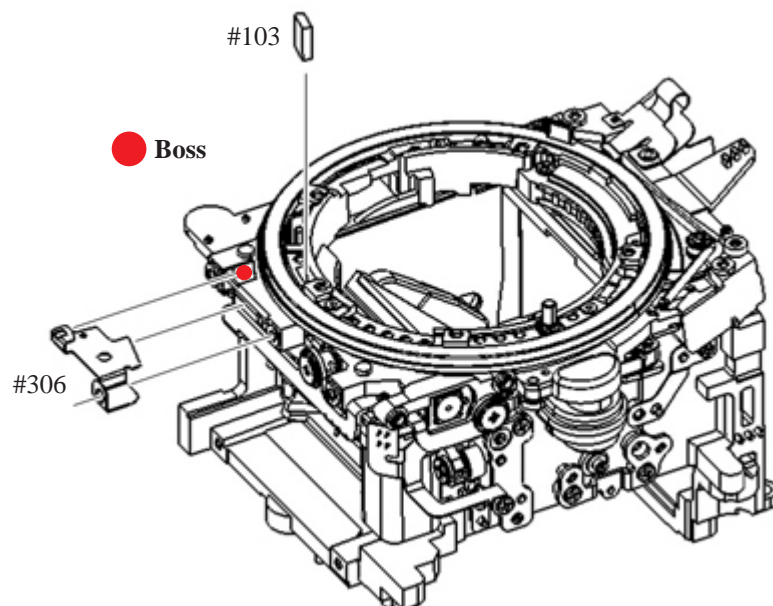
#304	Bayonet mount
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#276	Light shading tape spring
#297	Bayonet mount spring

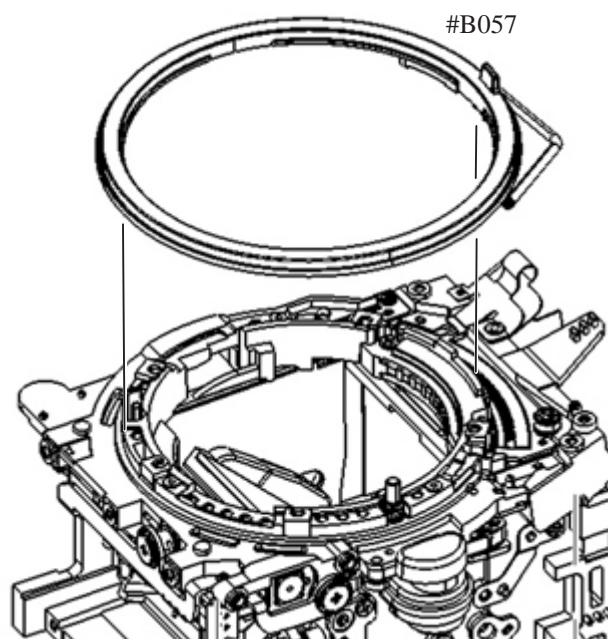


#103	Rubber
#306	GND plate

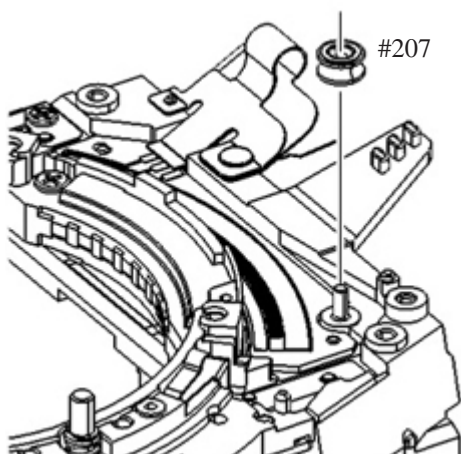


Aperture coupling ring

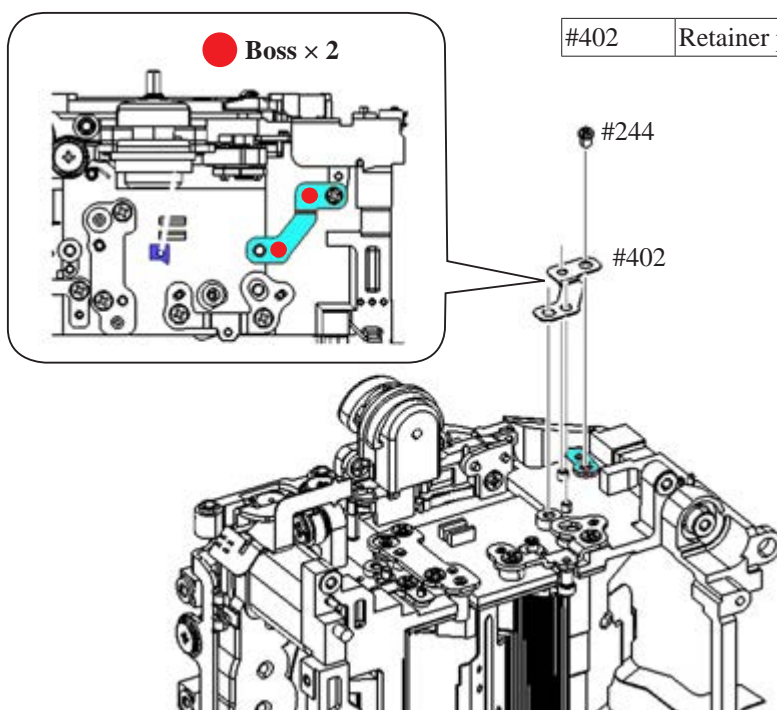
#B057 Aperture coupling ring unit

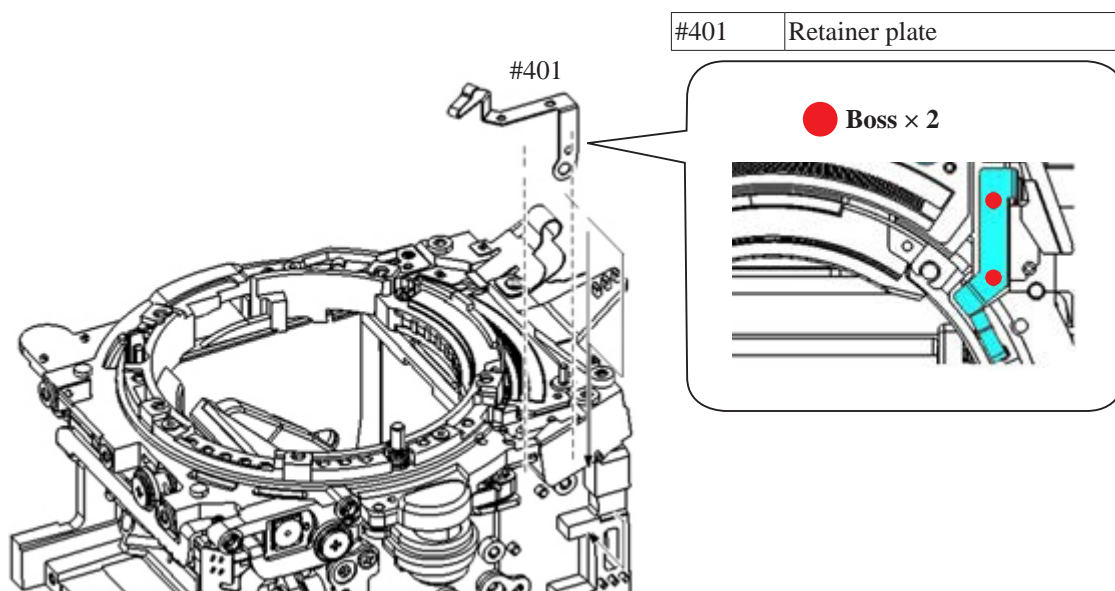


#207 Roller

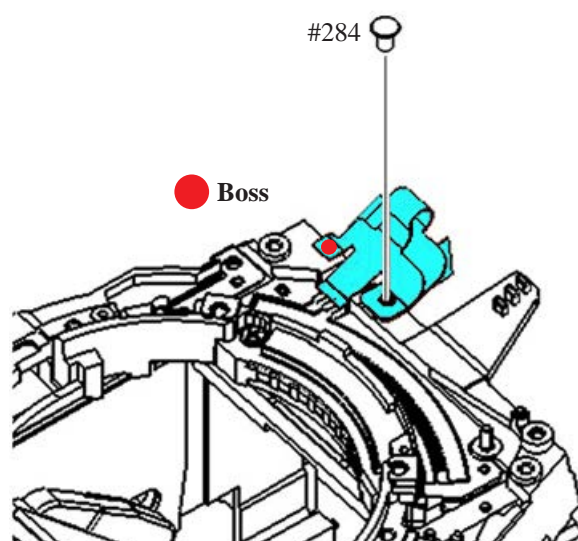
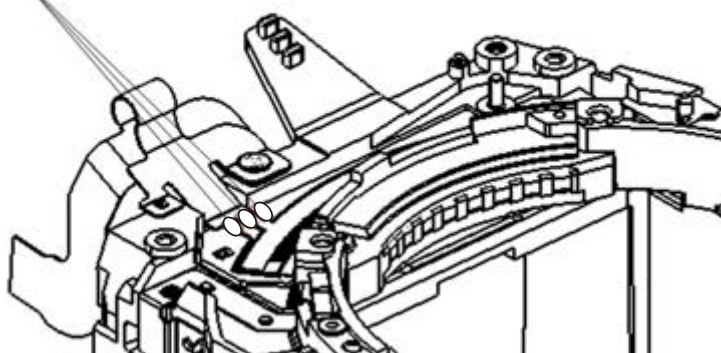


#402 Retainer plate



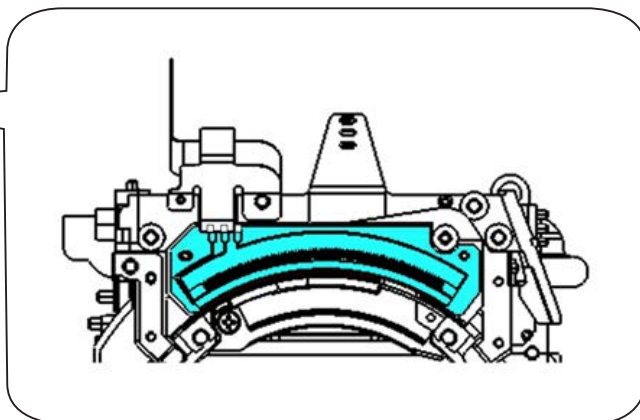
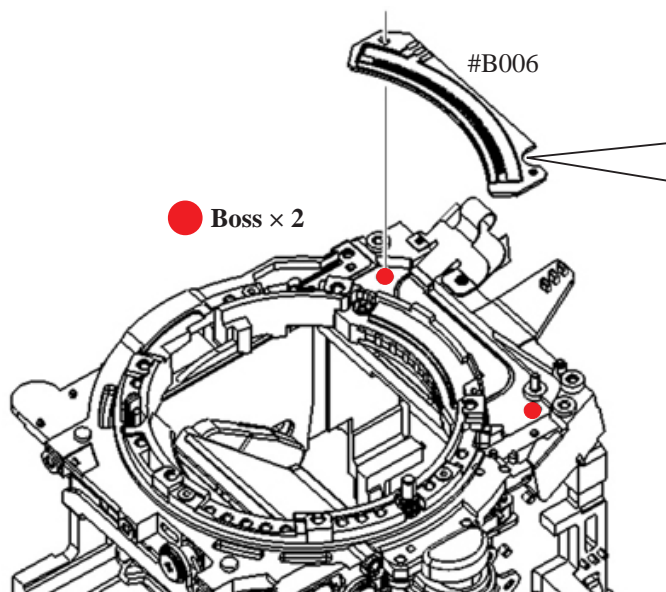


Solder × 3

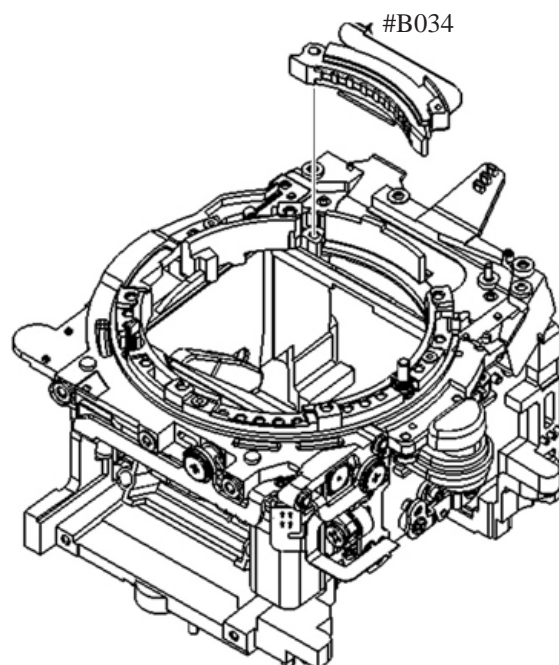
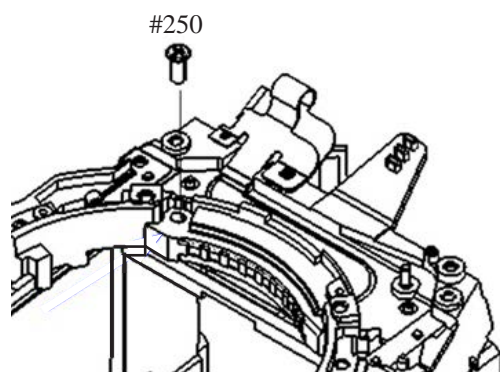


F-F0 PCB

#B006 F-F0 PCB unit

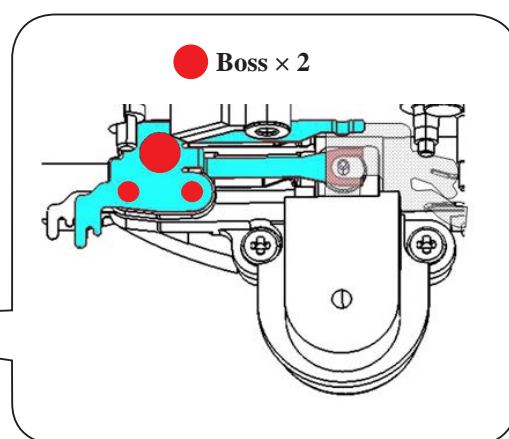
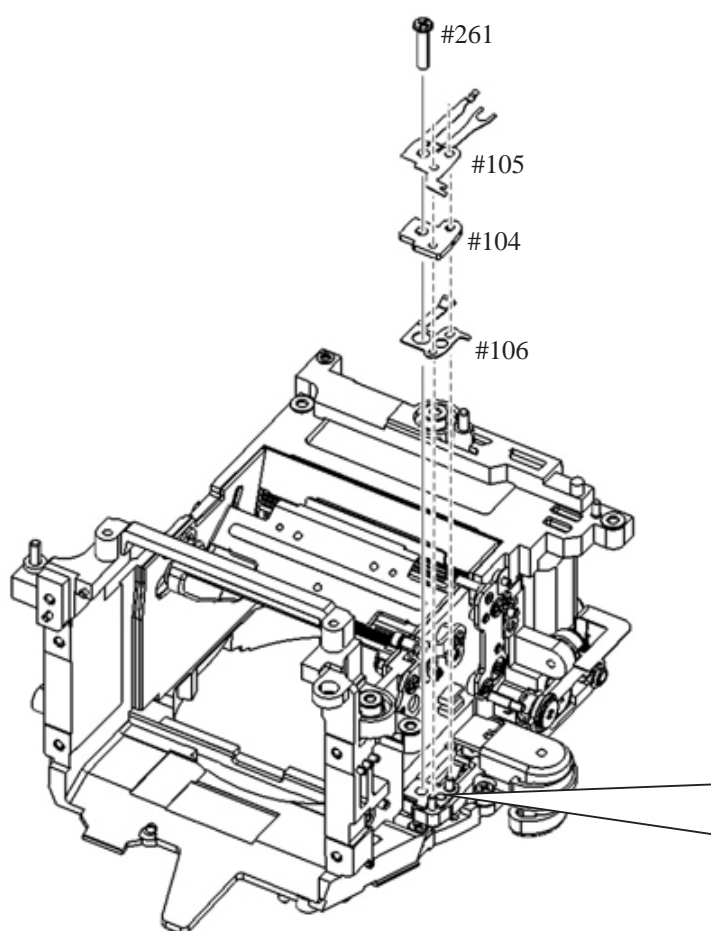
**Lens contact FPC**

#B034 Lens contact FPC unit

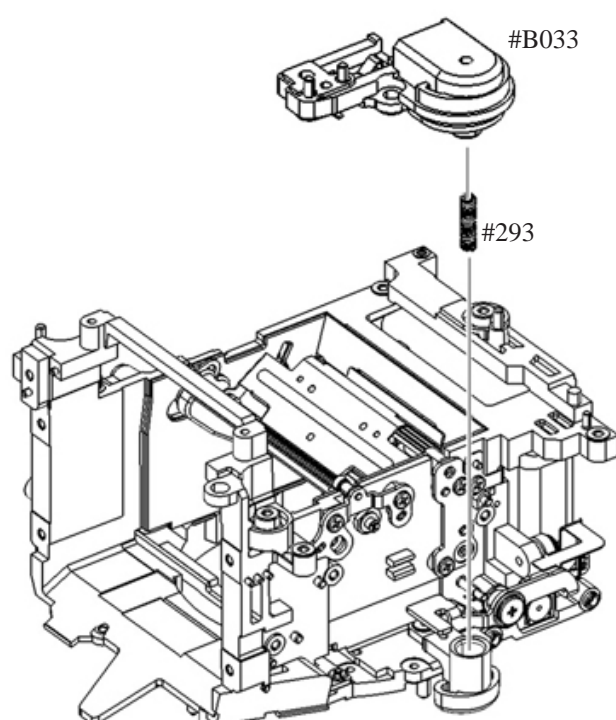
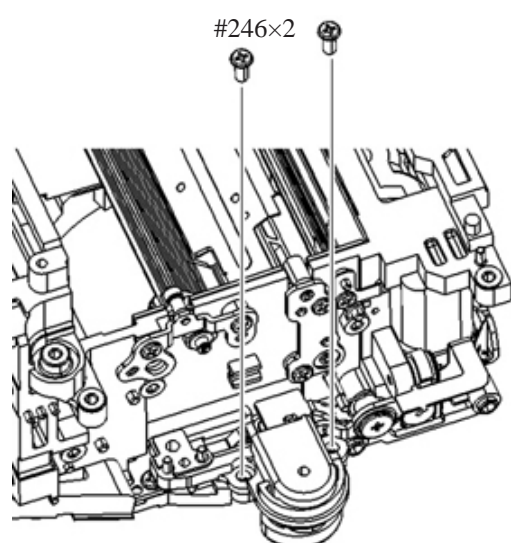


Lens release button

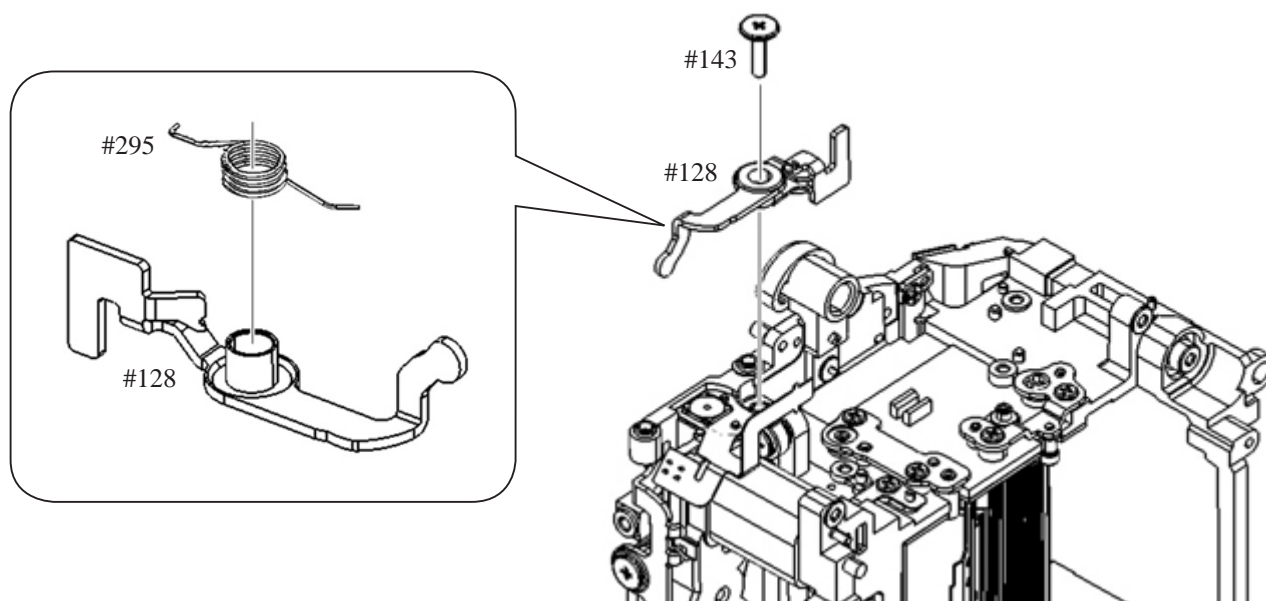
#104	Spacer
#105	Lug plate
#106	AM detection plate



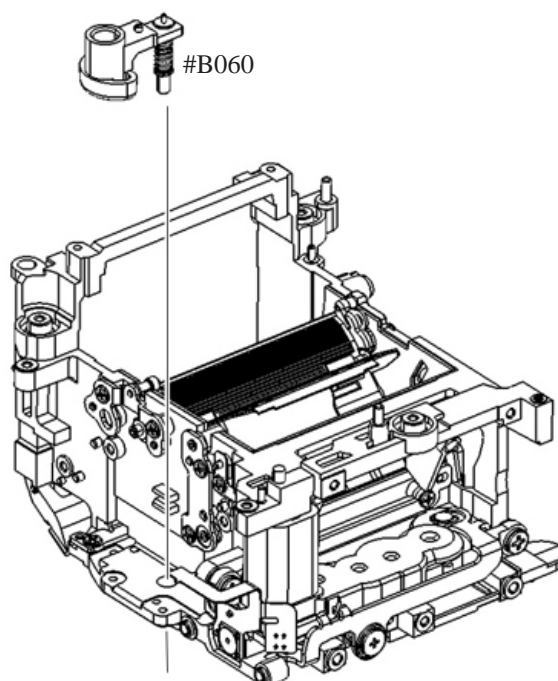
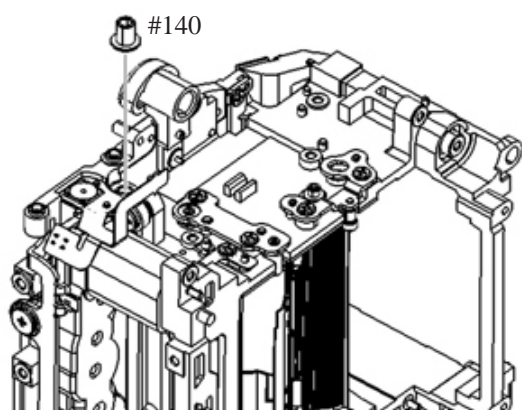
#293	Spring
#B033	Holder unit



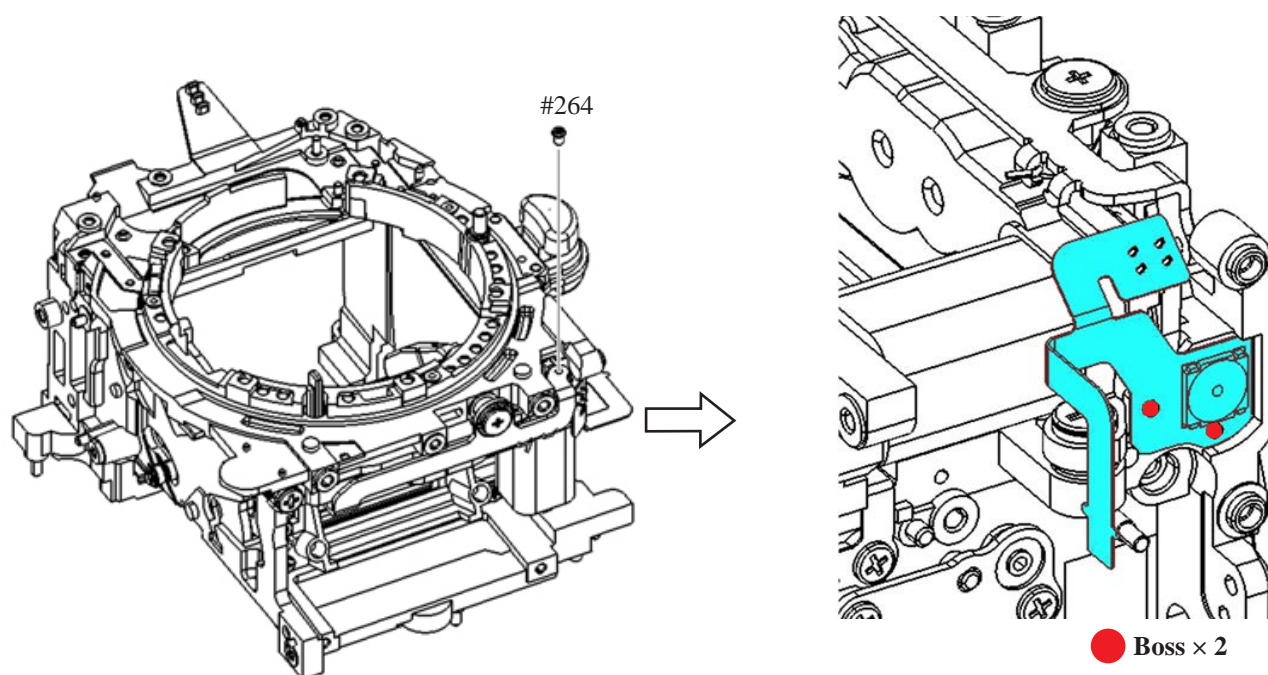
#128	Vertical lever
#295	Spring



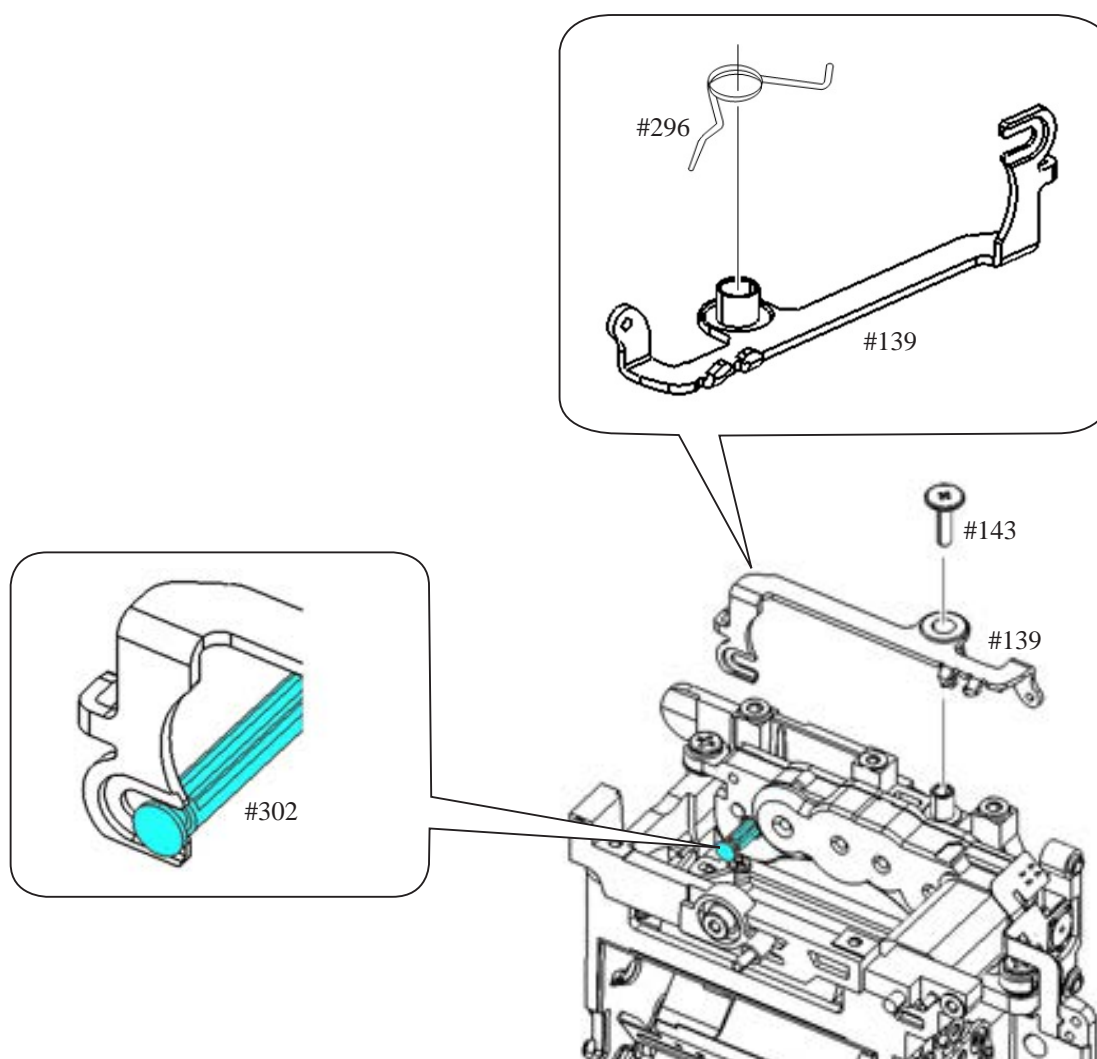
#140	Collar
#B060	Lens release button unit



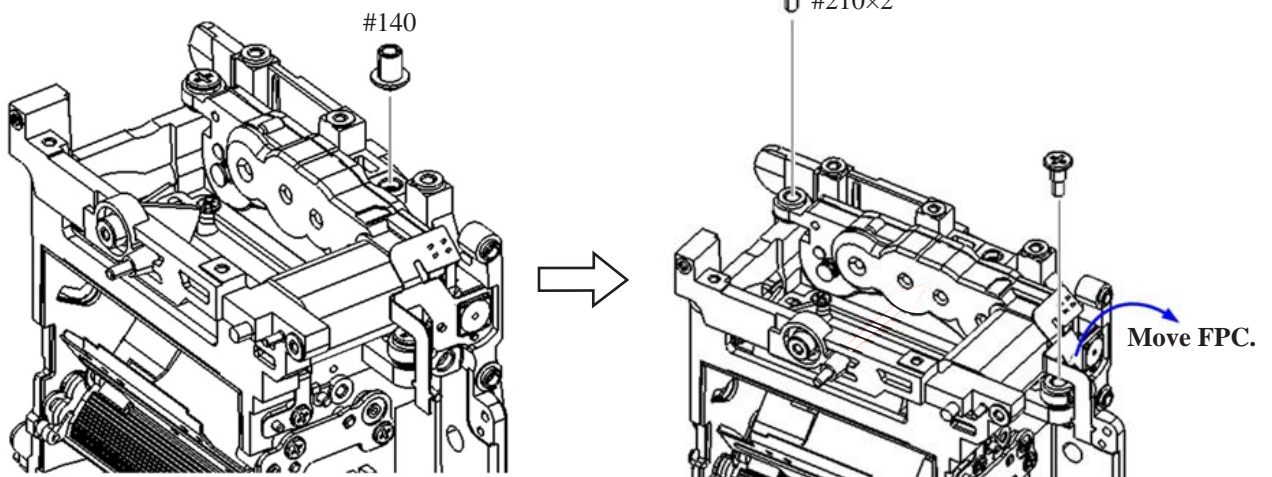
AF motor



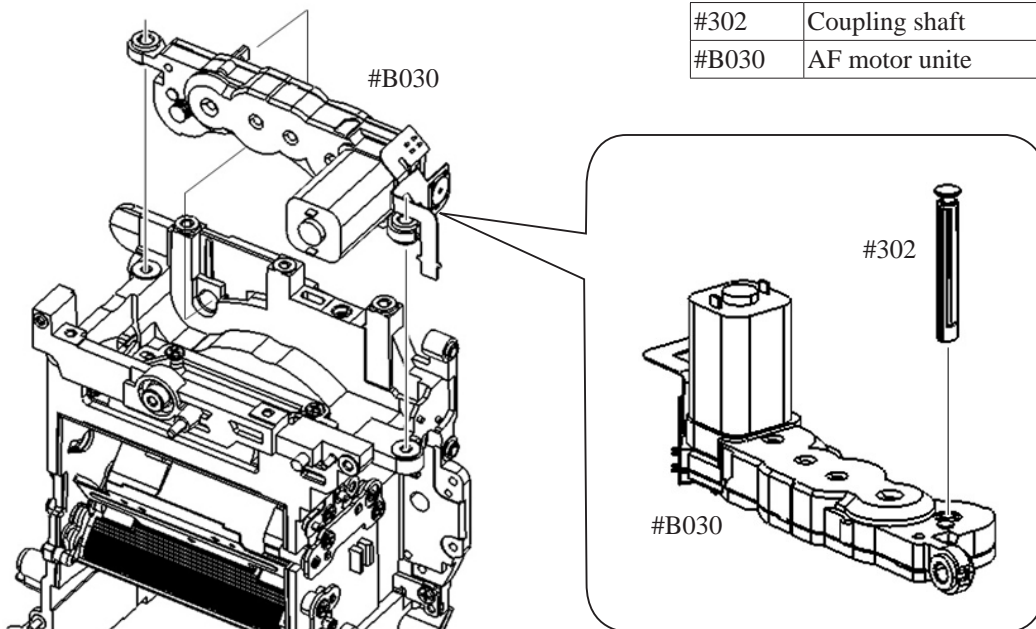
#139	Horizontal lever
#296	Spring



#140	Collar
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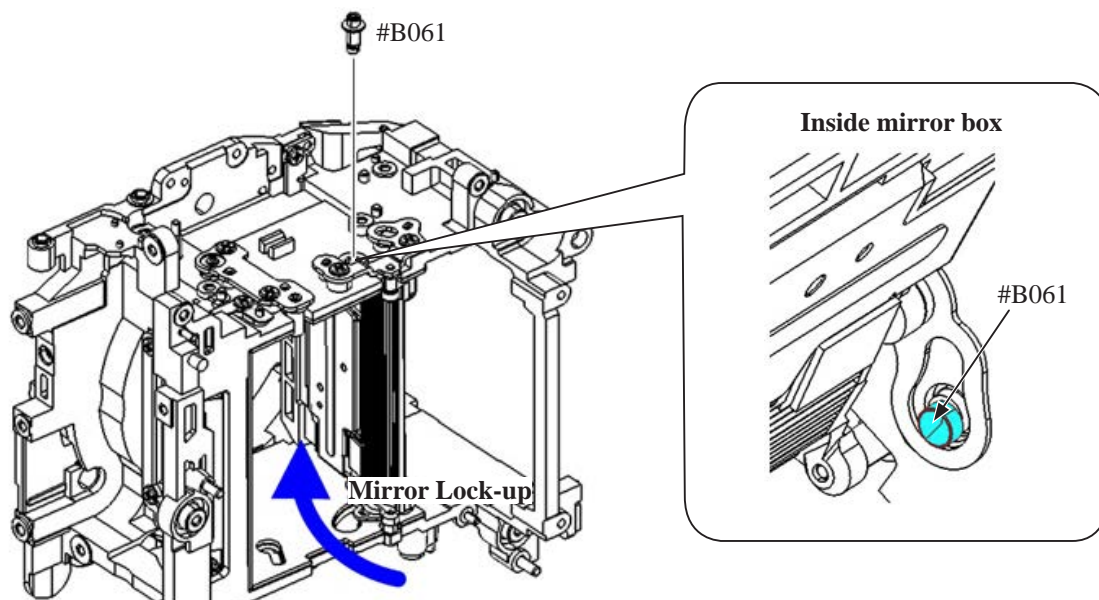


#302	Coupling shaft
#B030	AF motor unite

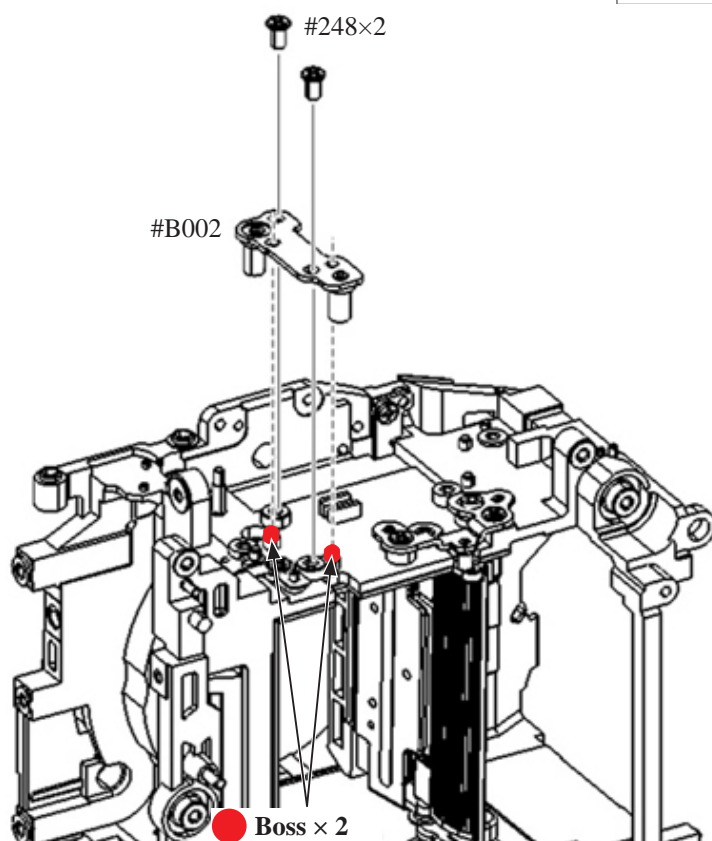


Mirror unit

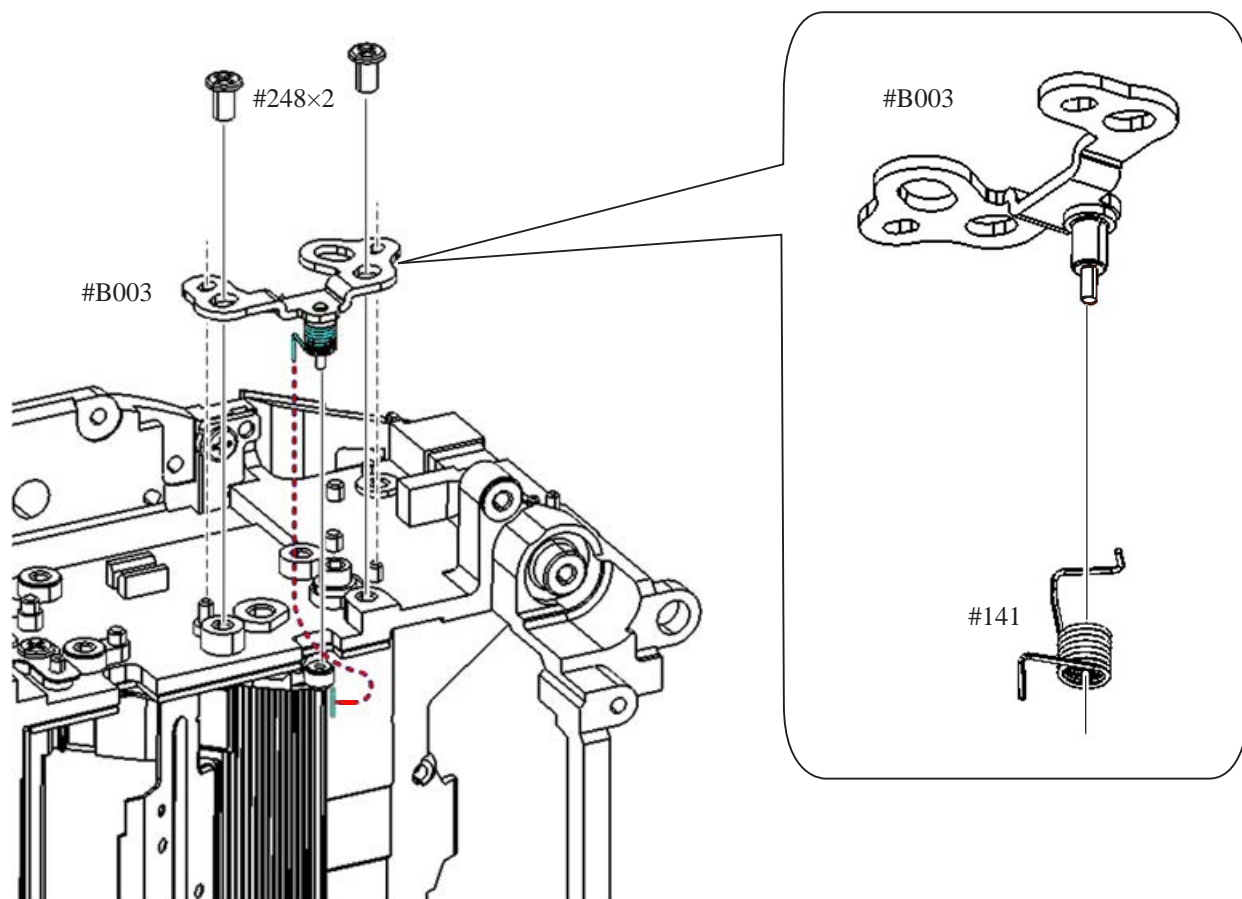
#B061	Sub mirror pin unit
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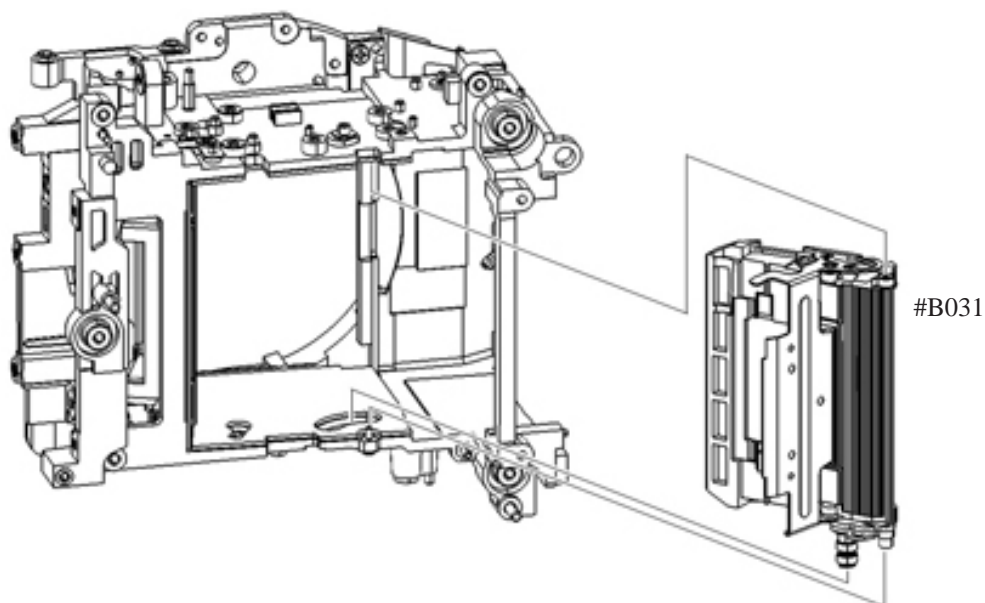
#B002	Pin unit
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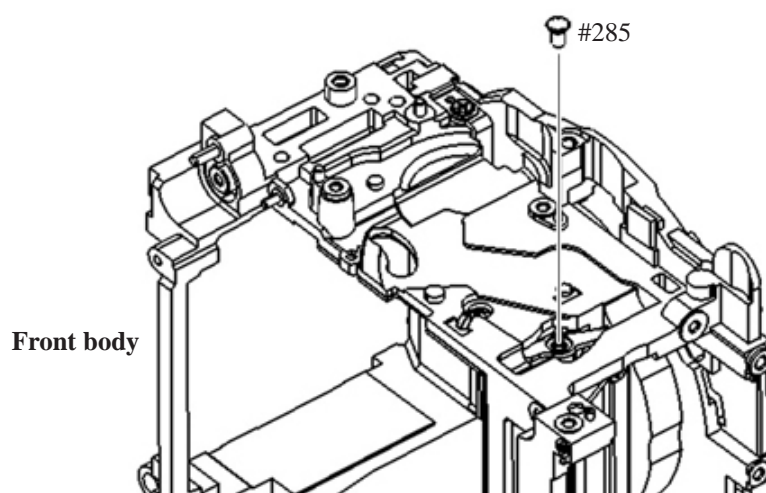
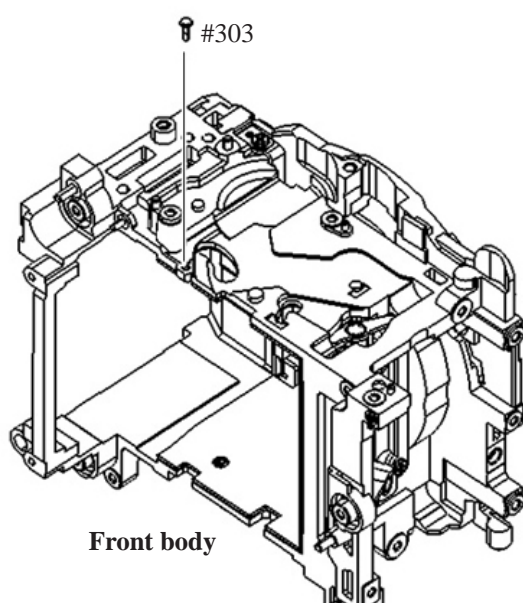
#141	Spring
#B003	Main mirror measuring unit



#B031	Mirror unit
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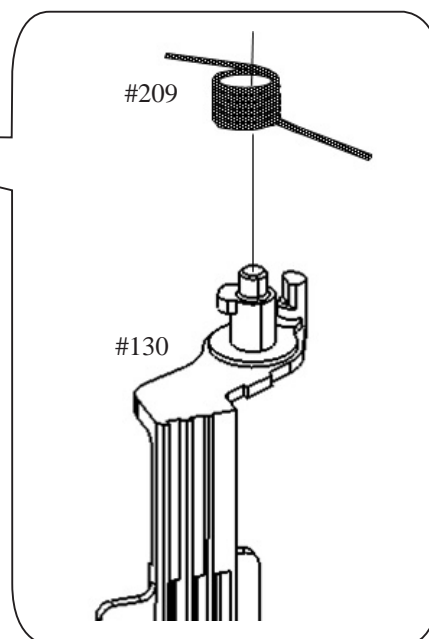
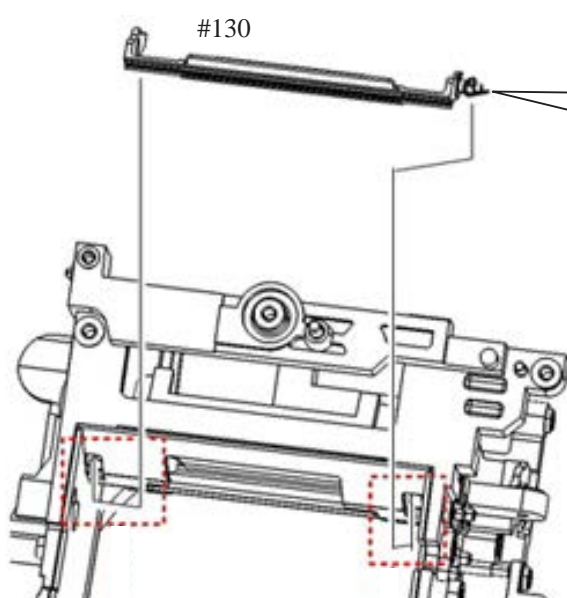


#303	Main mirror shaft
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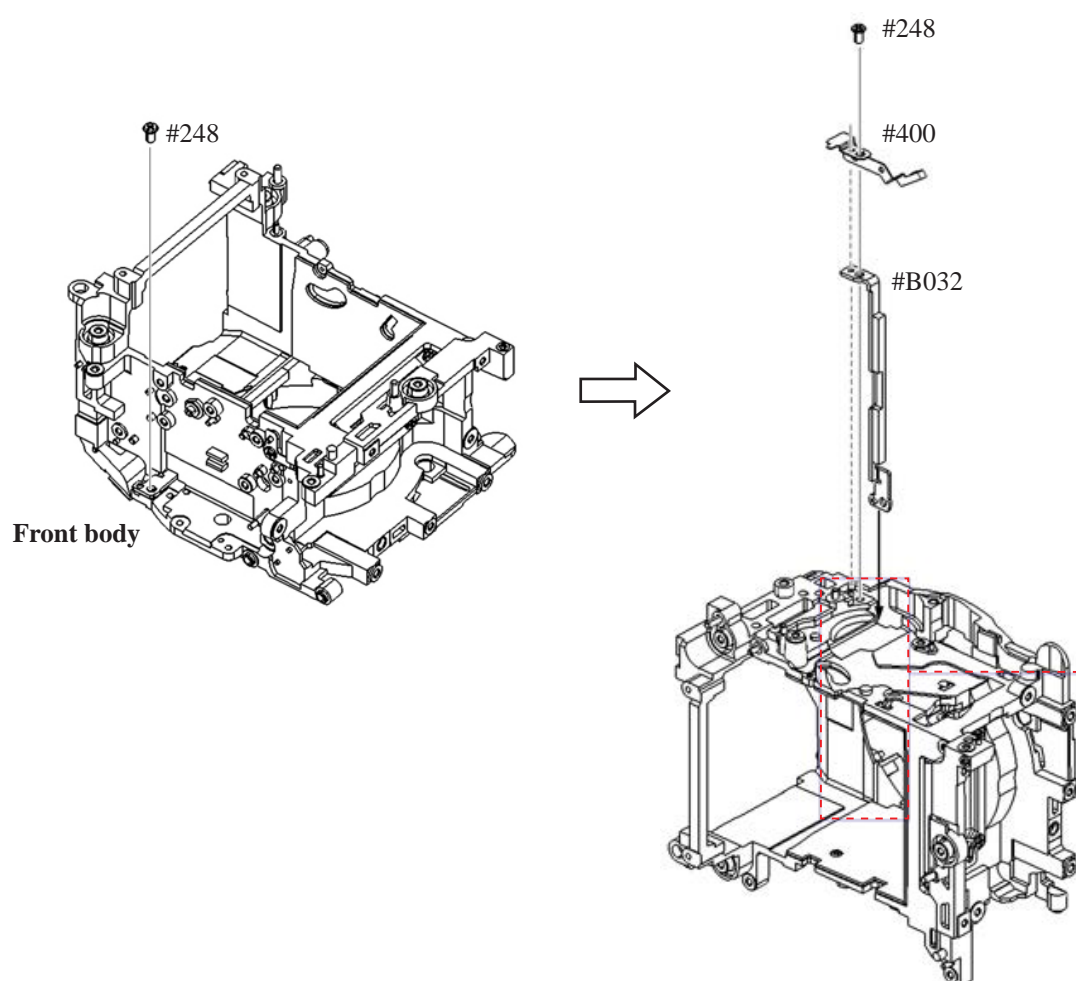


Light shielding plate

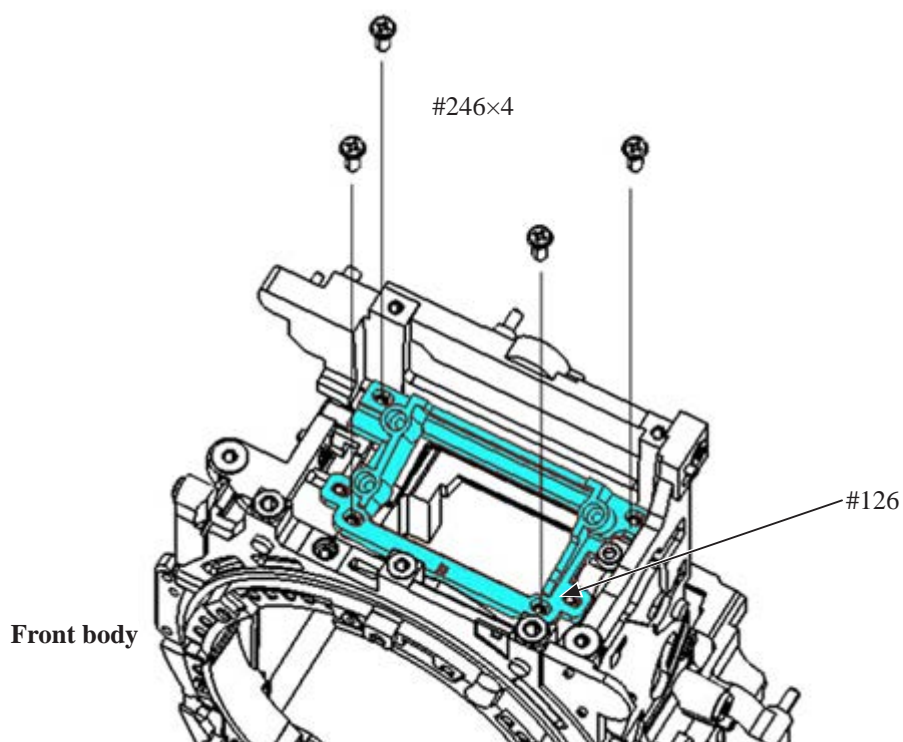
#130	Light shielding plate
#209	Spring



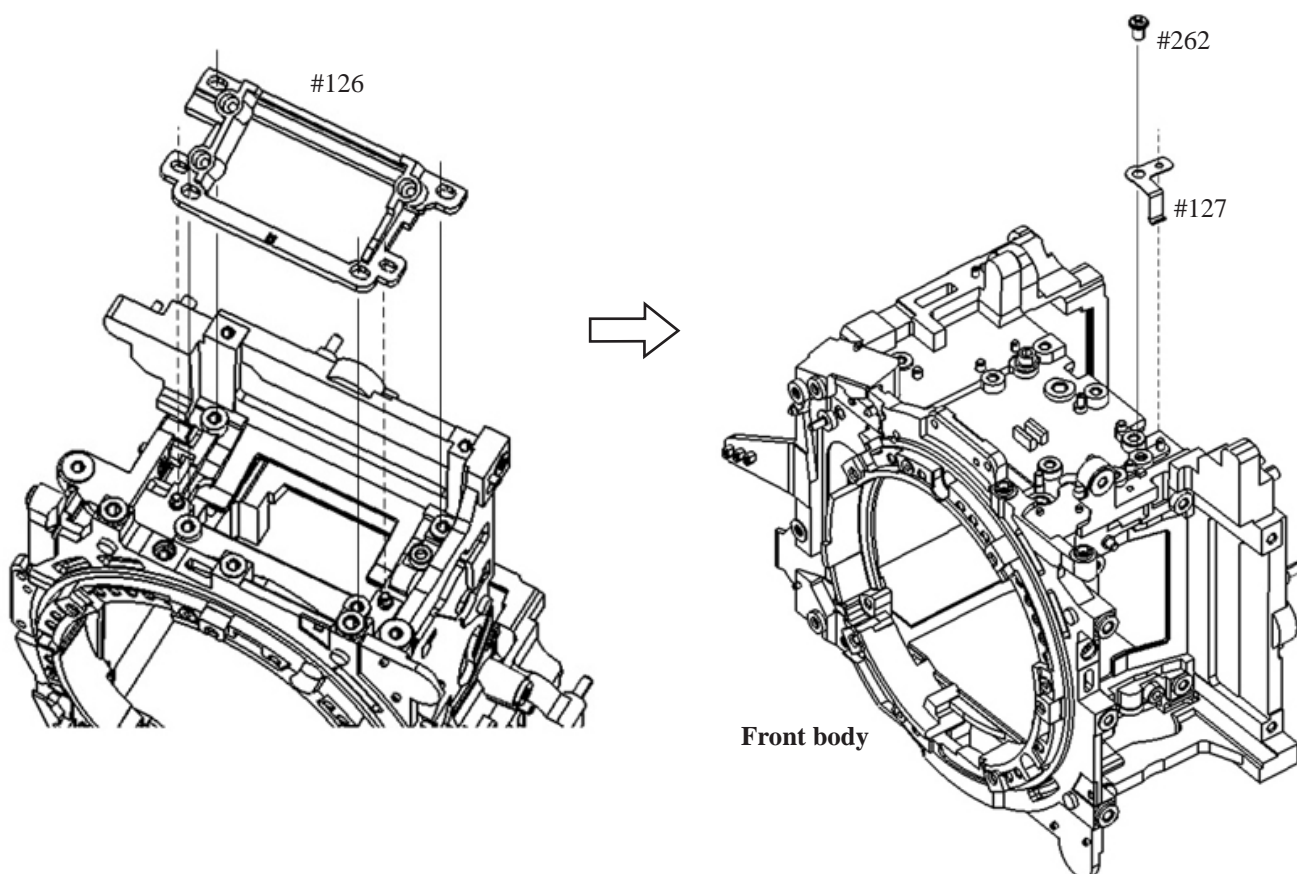
#400	Retainer plate
#B032	Mirror setting unit



AF sensor mount

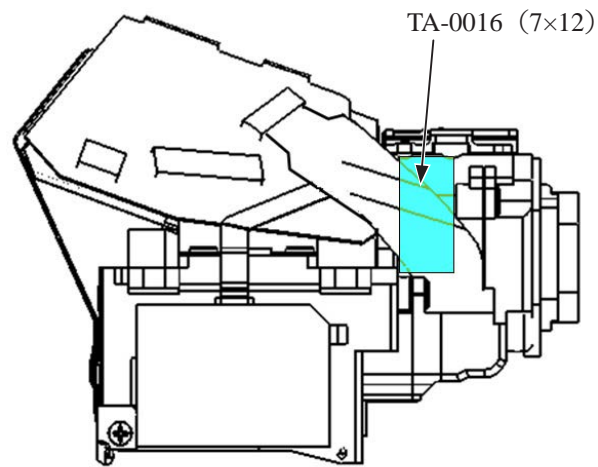


#126	Mold
#127	Spring

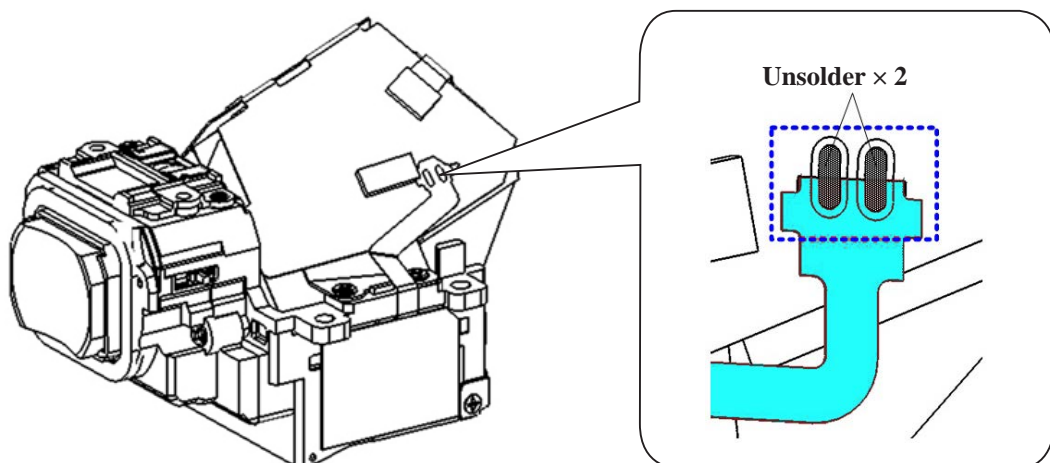
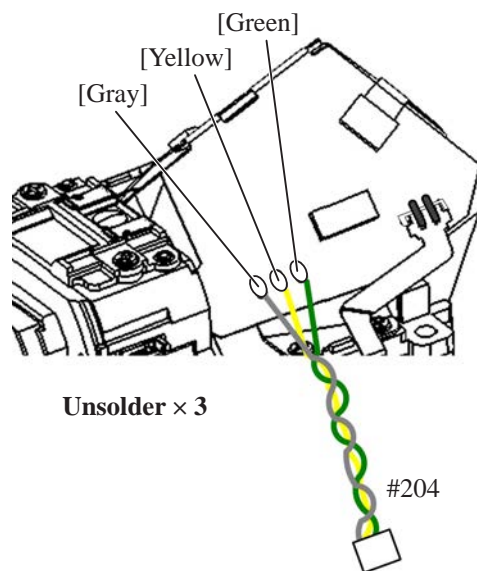


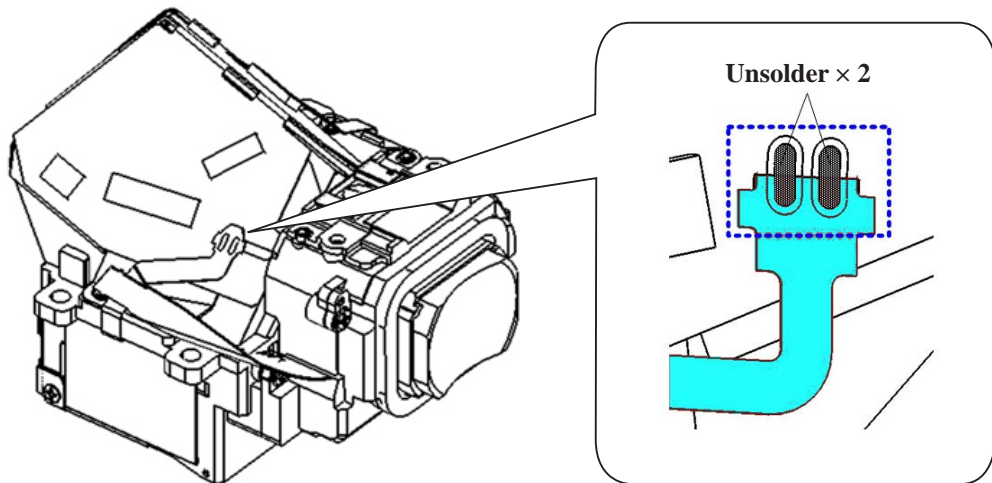
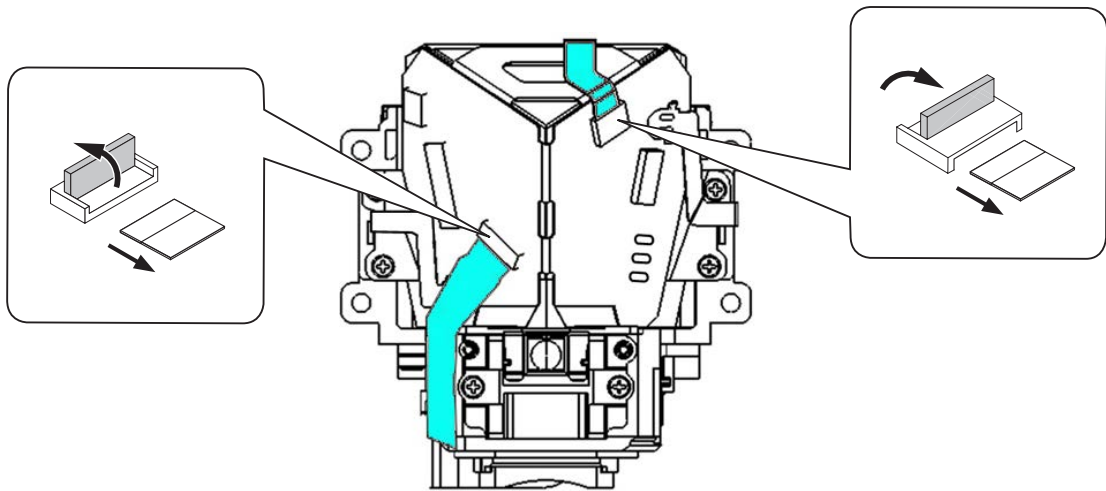
8. Penta prism box

TA-0016	Tape
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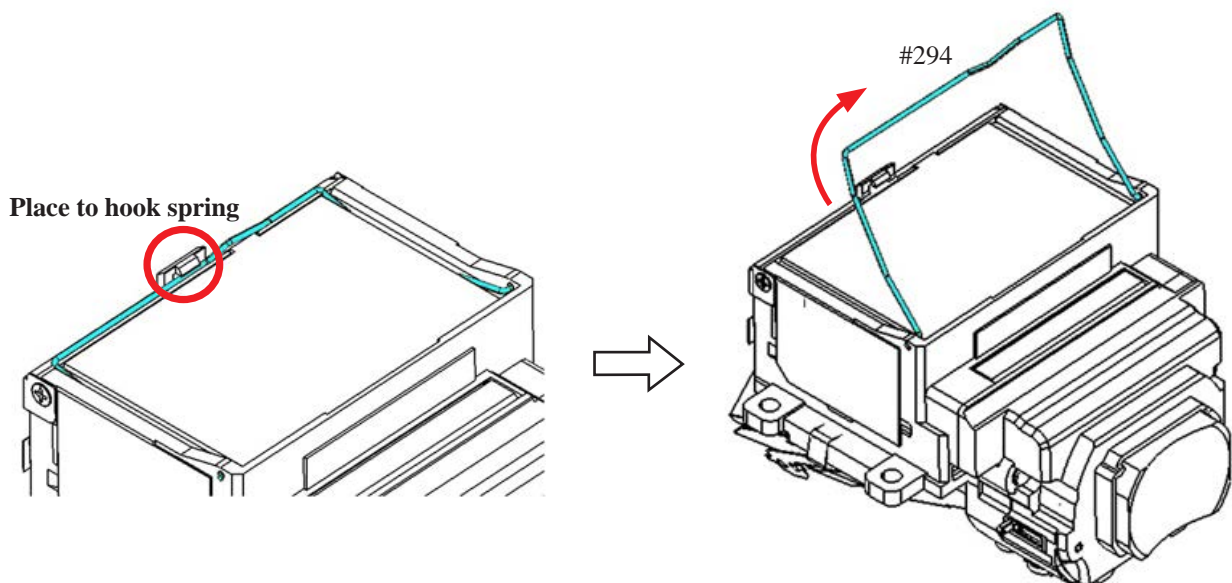


#204	Harness
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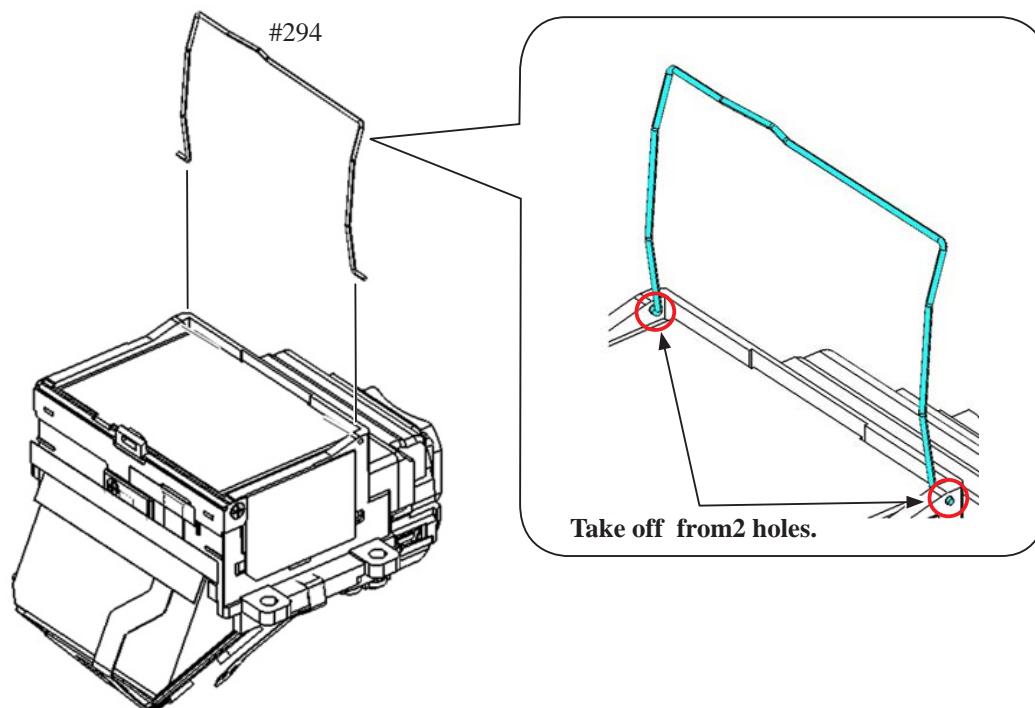




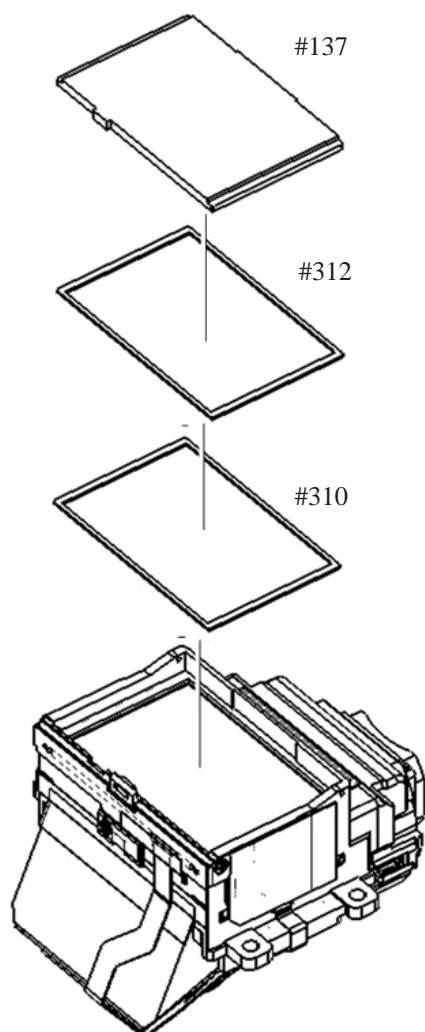
Spring keeping screen



#294	Spring
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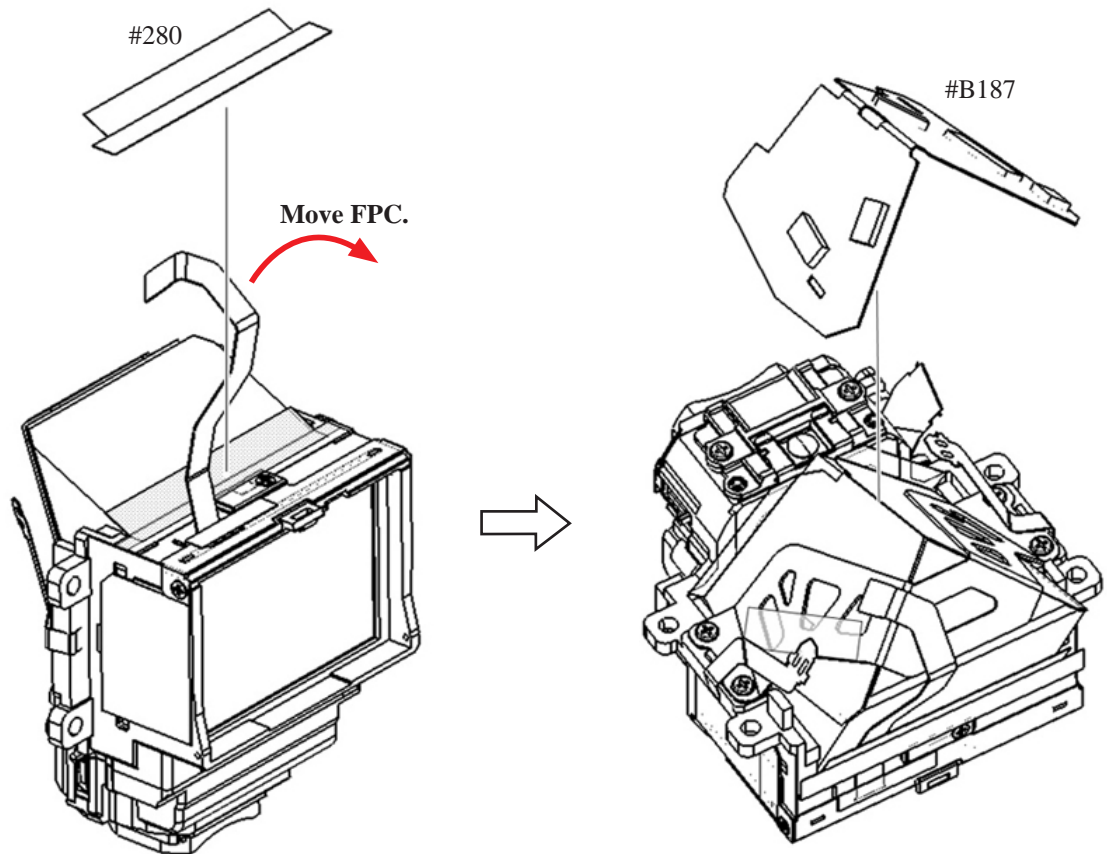


#137	Focusing screen
#310	Washer
#312	Washer

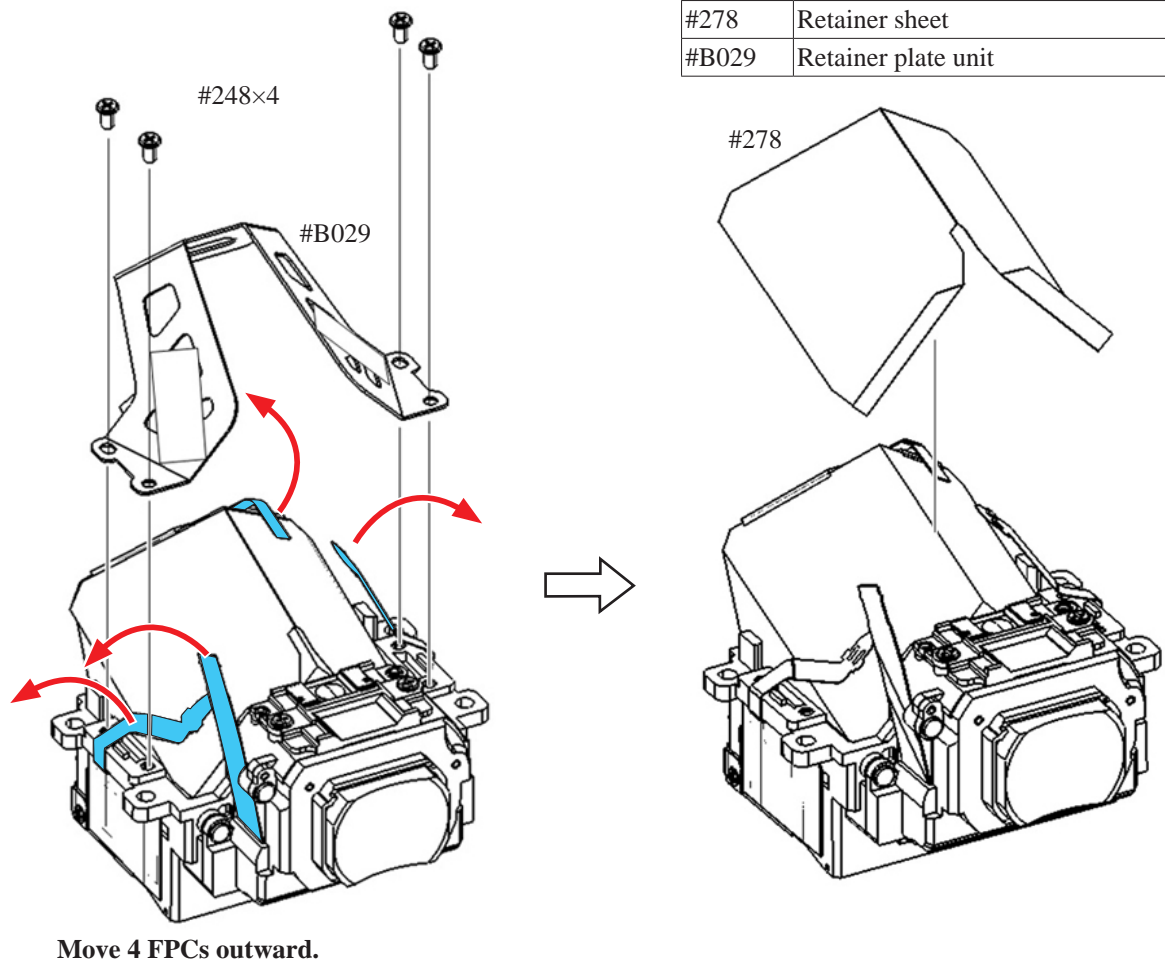


Penta prism

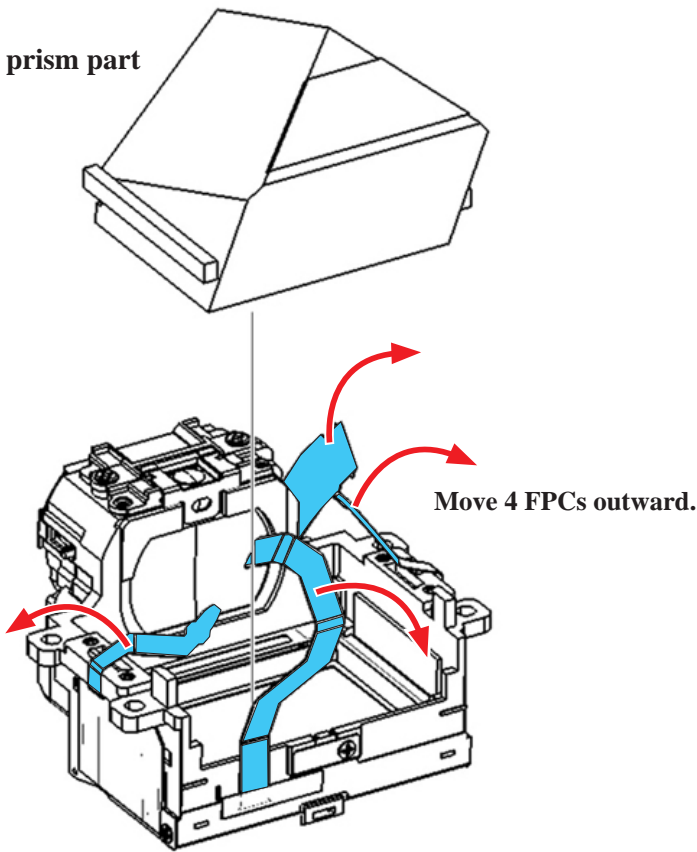
#280	Tape
#B187	Penta FPC unit



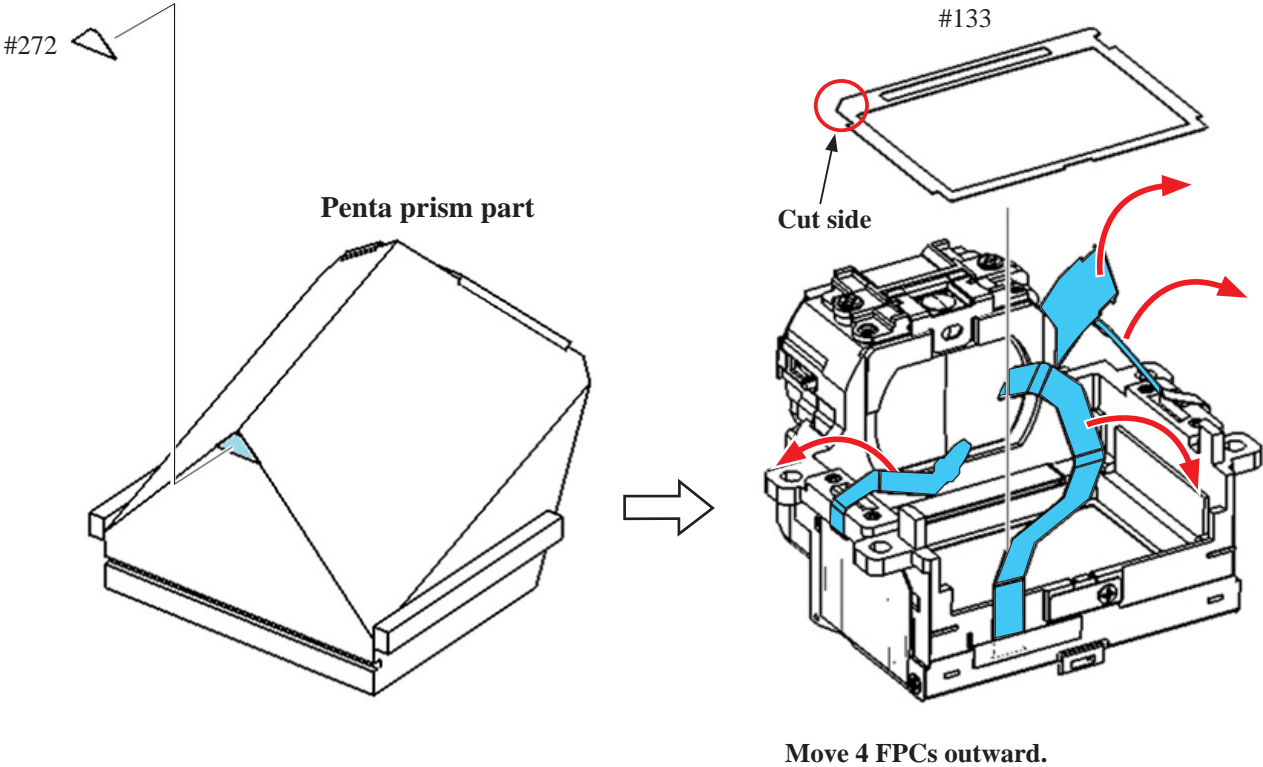
#278	Retainer sheet
#B029	Retainer plate unit



Penta prism part

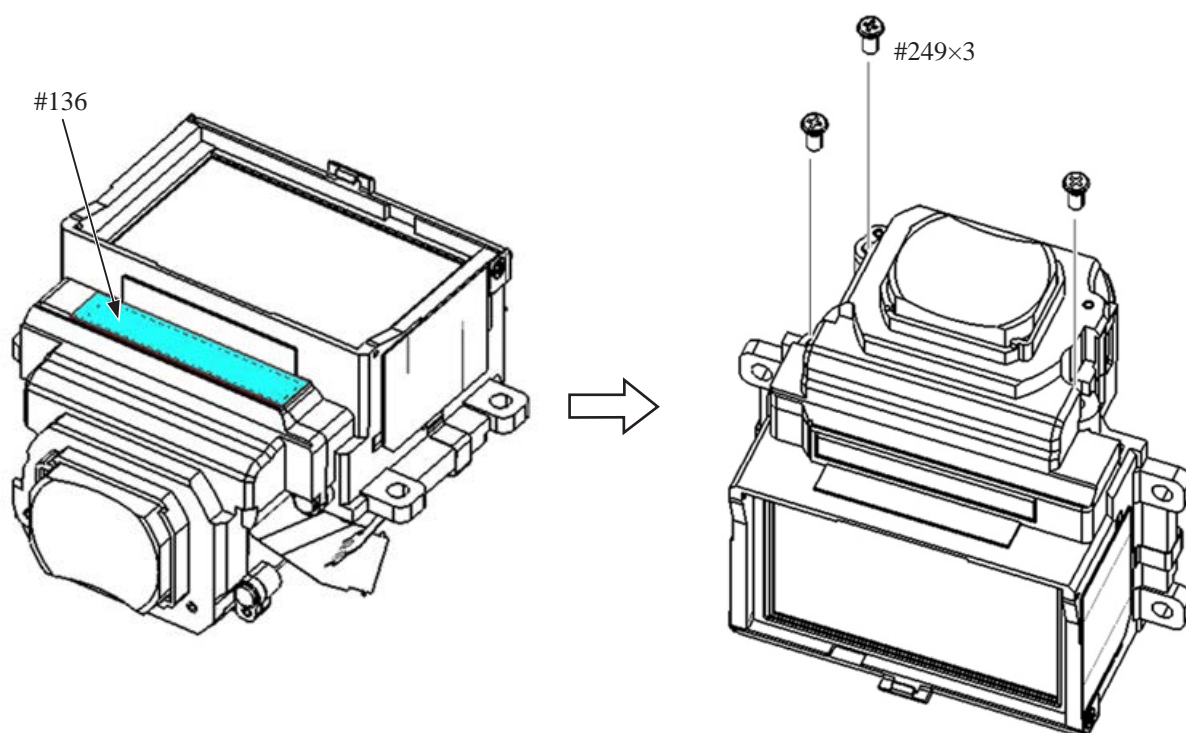


#133	Finder frame
#272	Tape

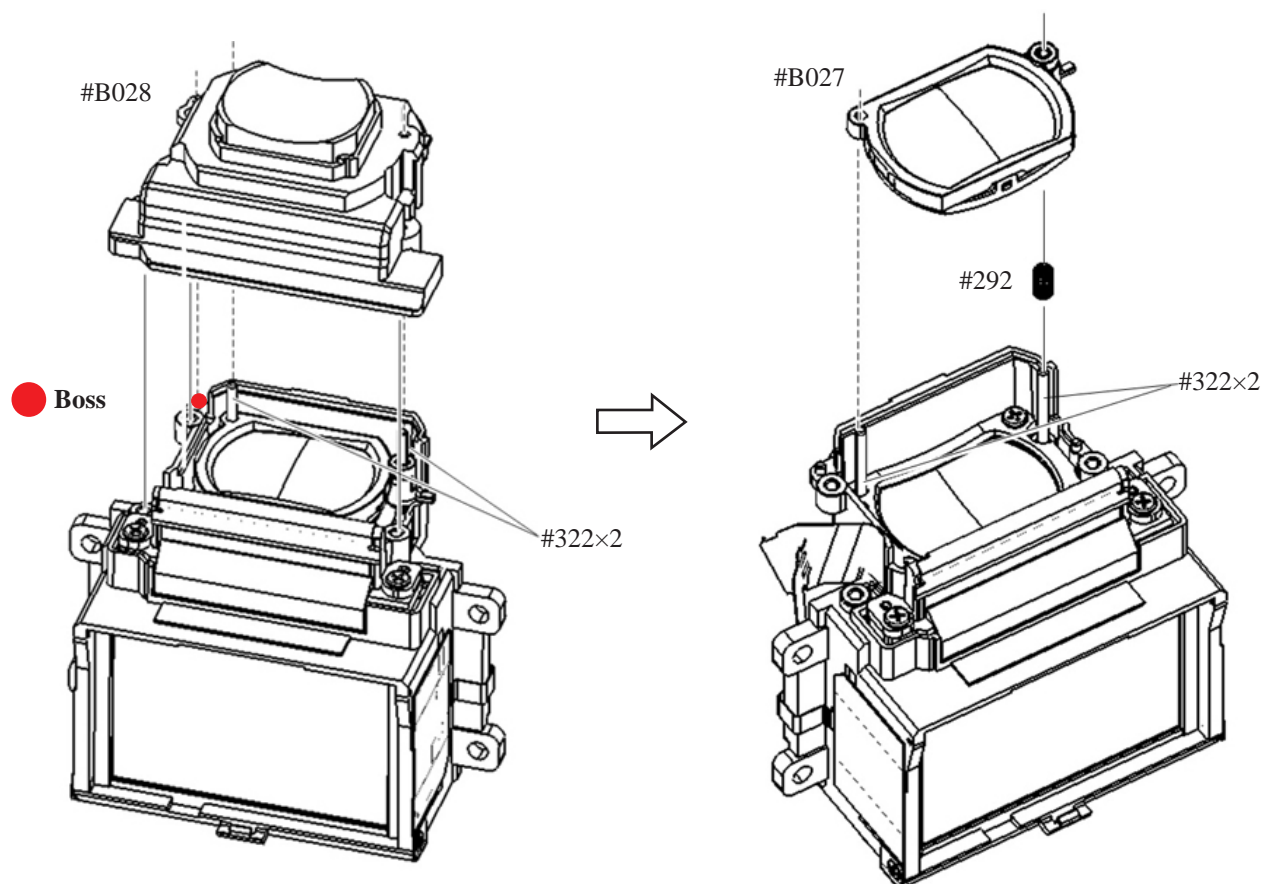


Eyepiece lens

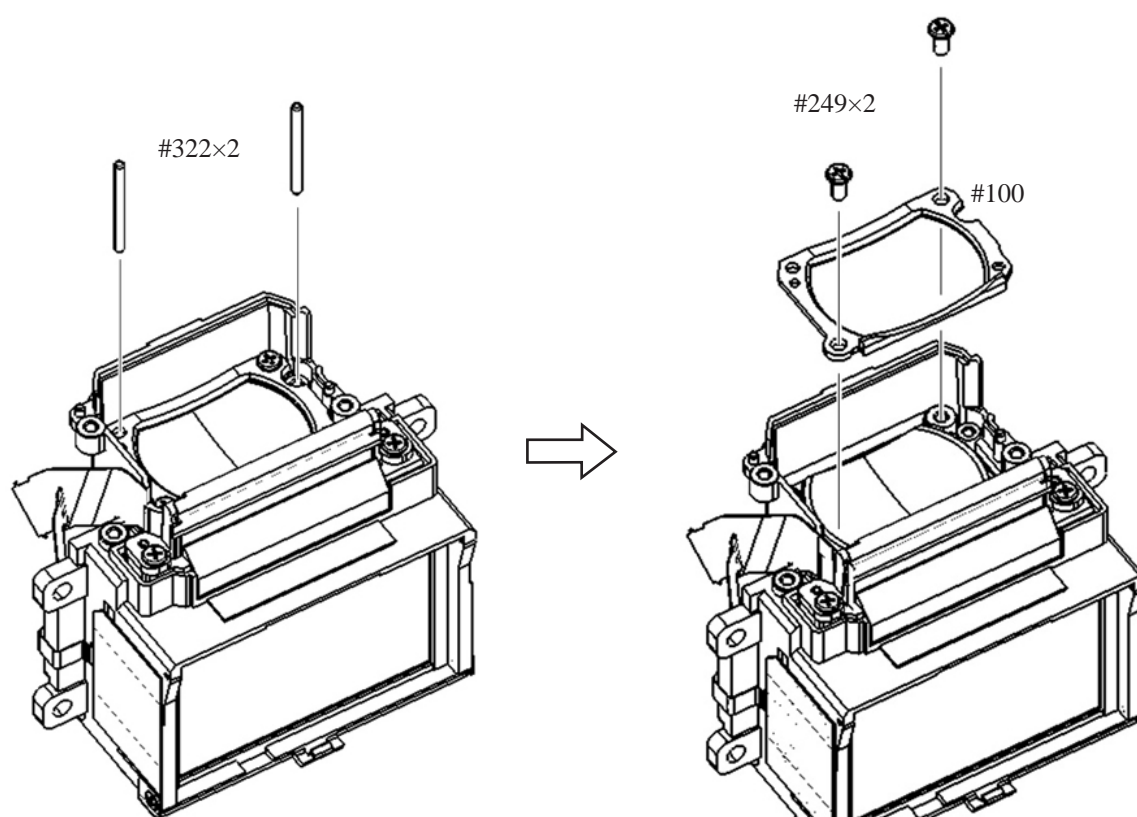
#136	Sheet
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#292	Spring
#B027	Diopter lens unit
#B028	Eyepiece lens unit

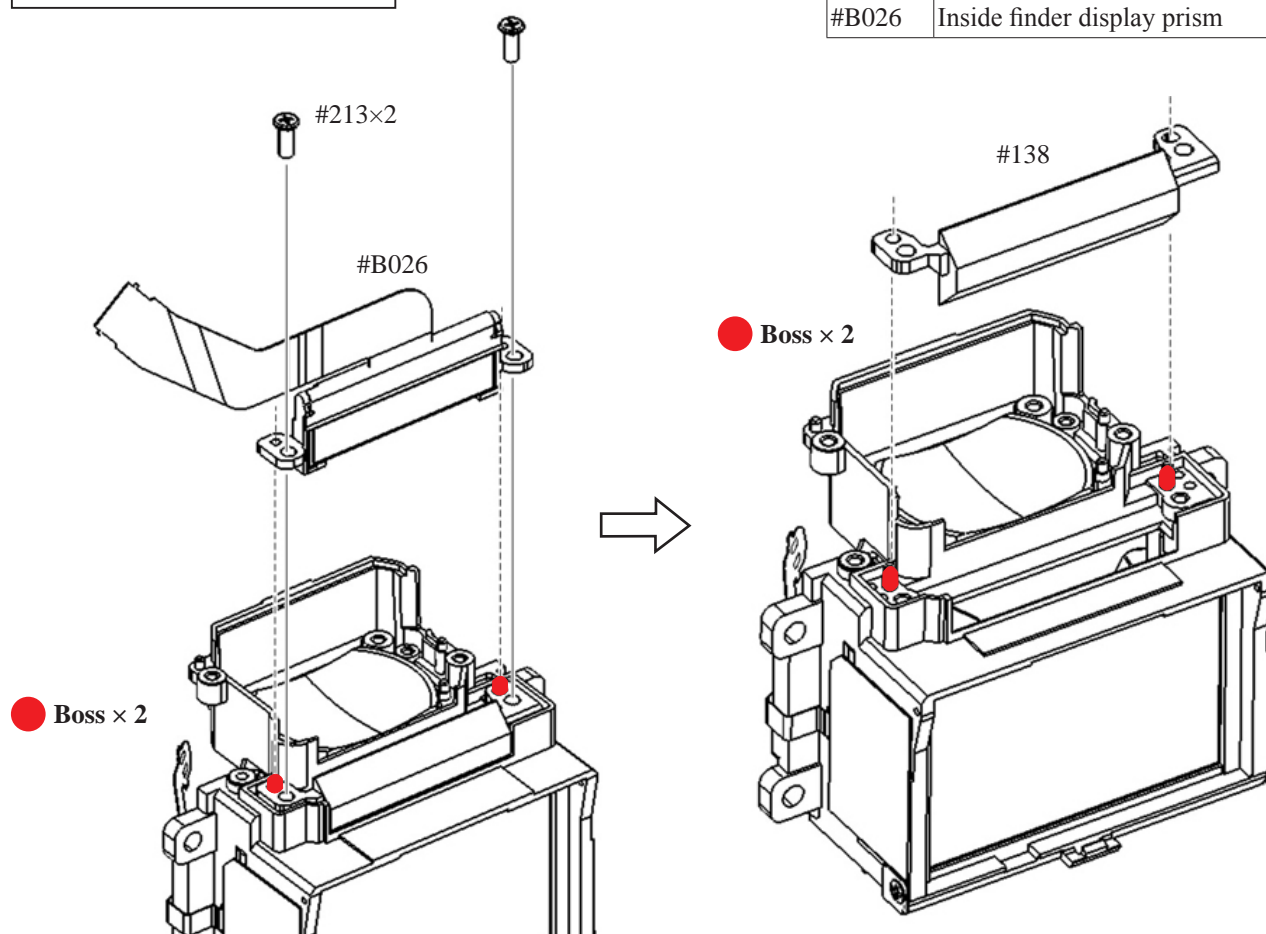


#322	Shaft
#100	Mask



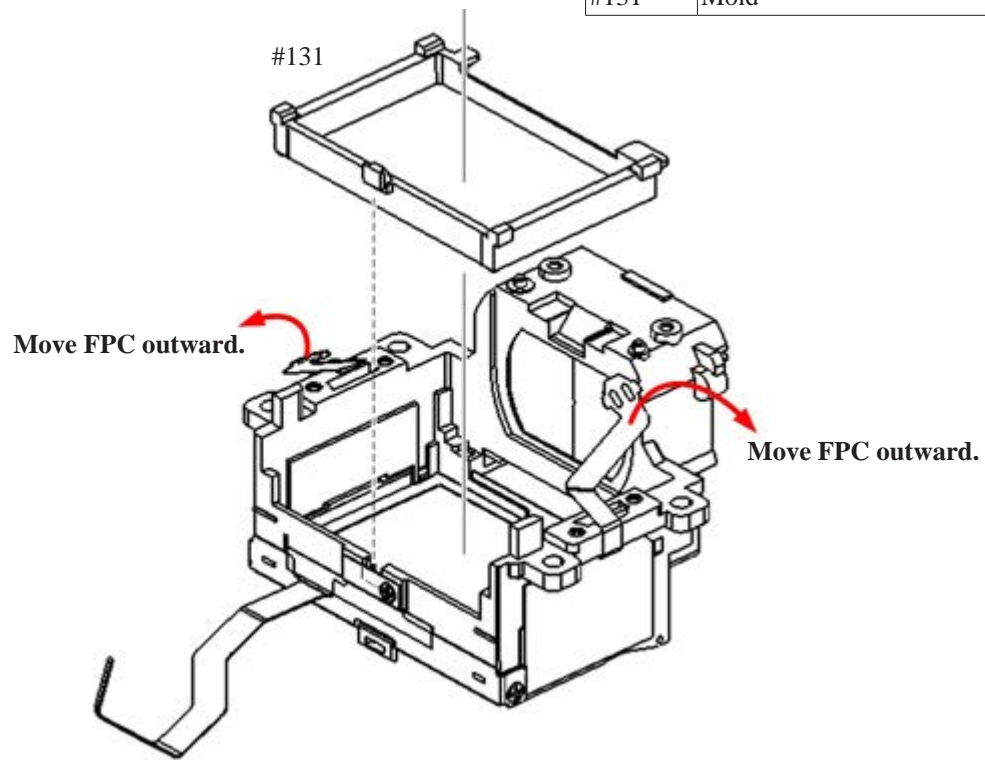
Inside finder display prism

#138	Inside finder display prism
#B026	Inside finder display prism

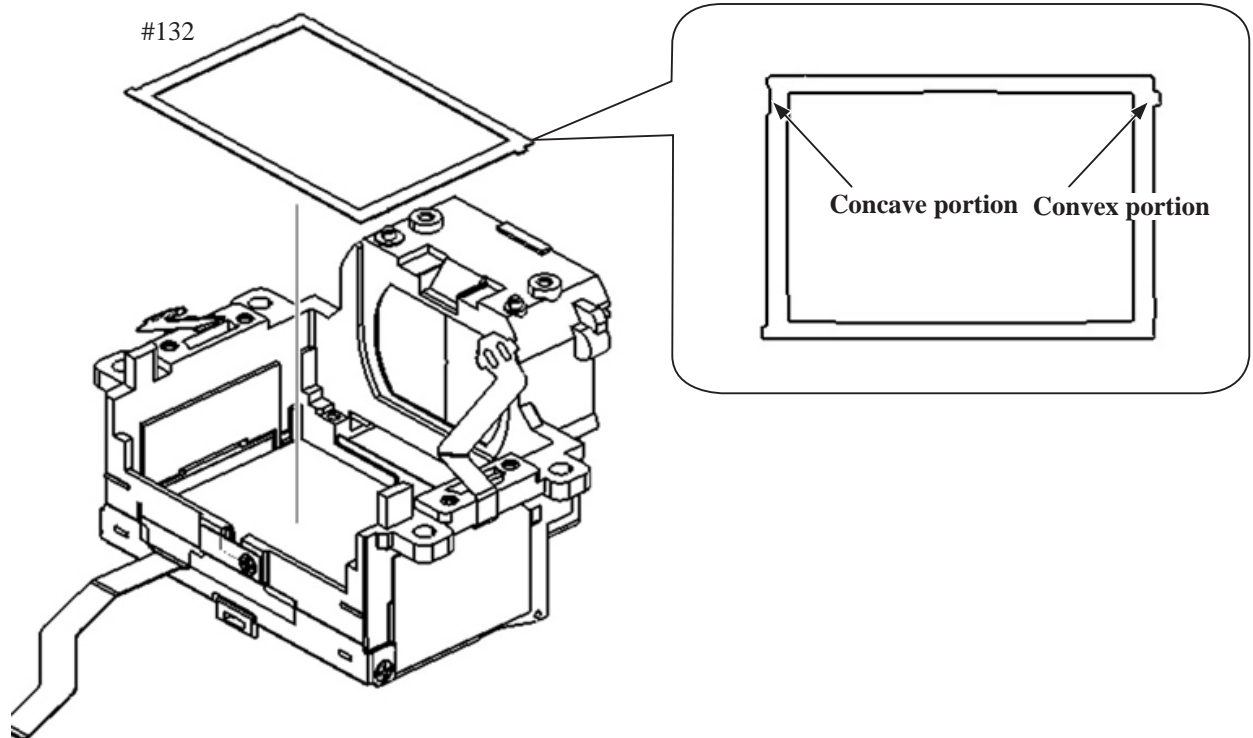


Screen box

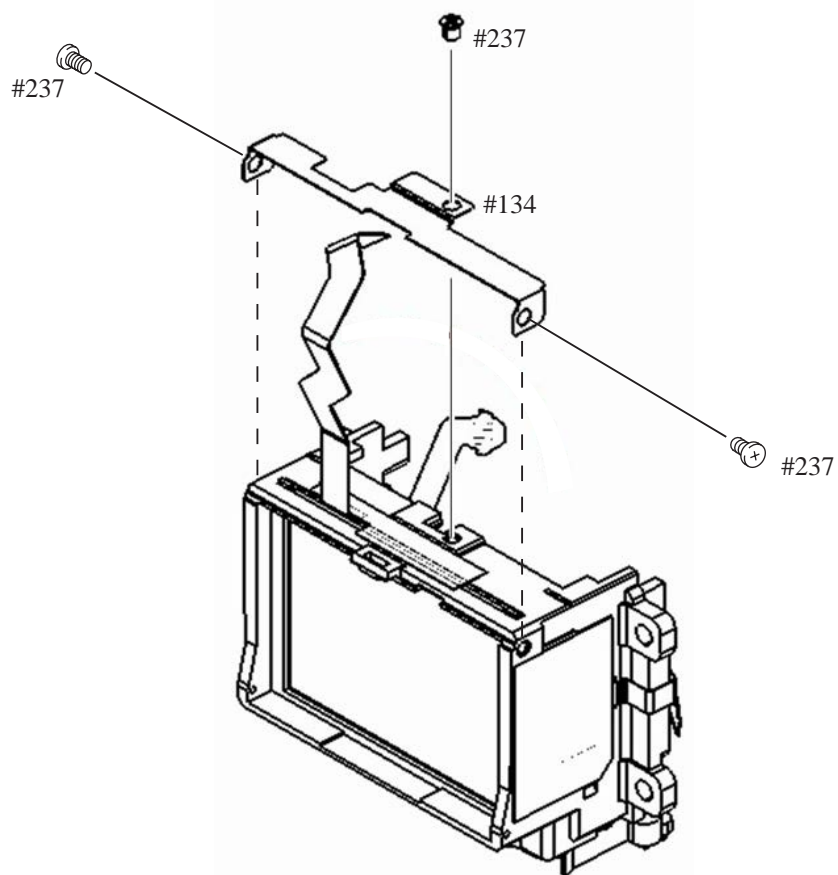
#131	Mold
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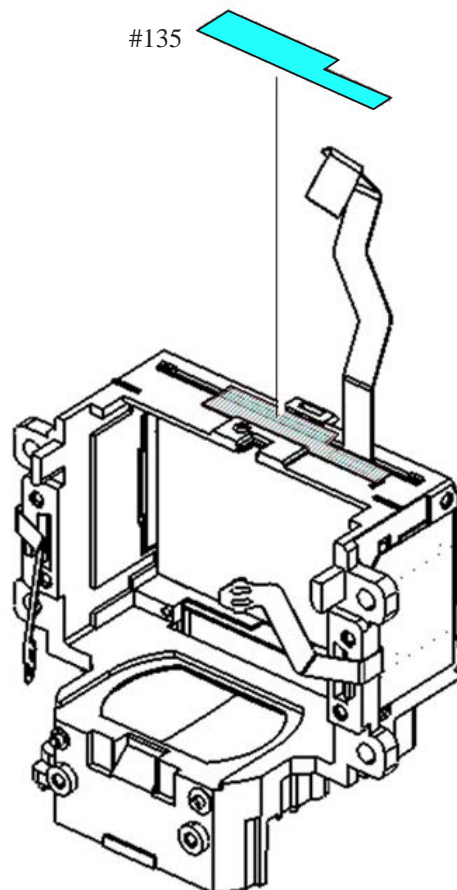
#132	Finder frame
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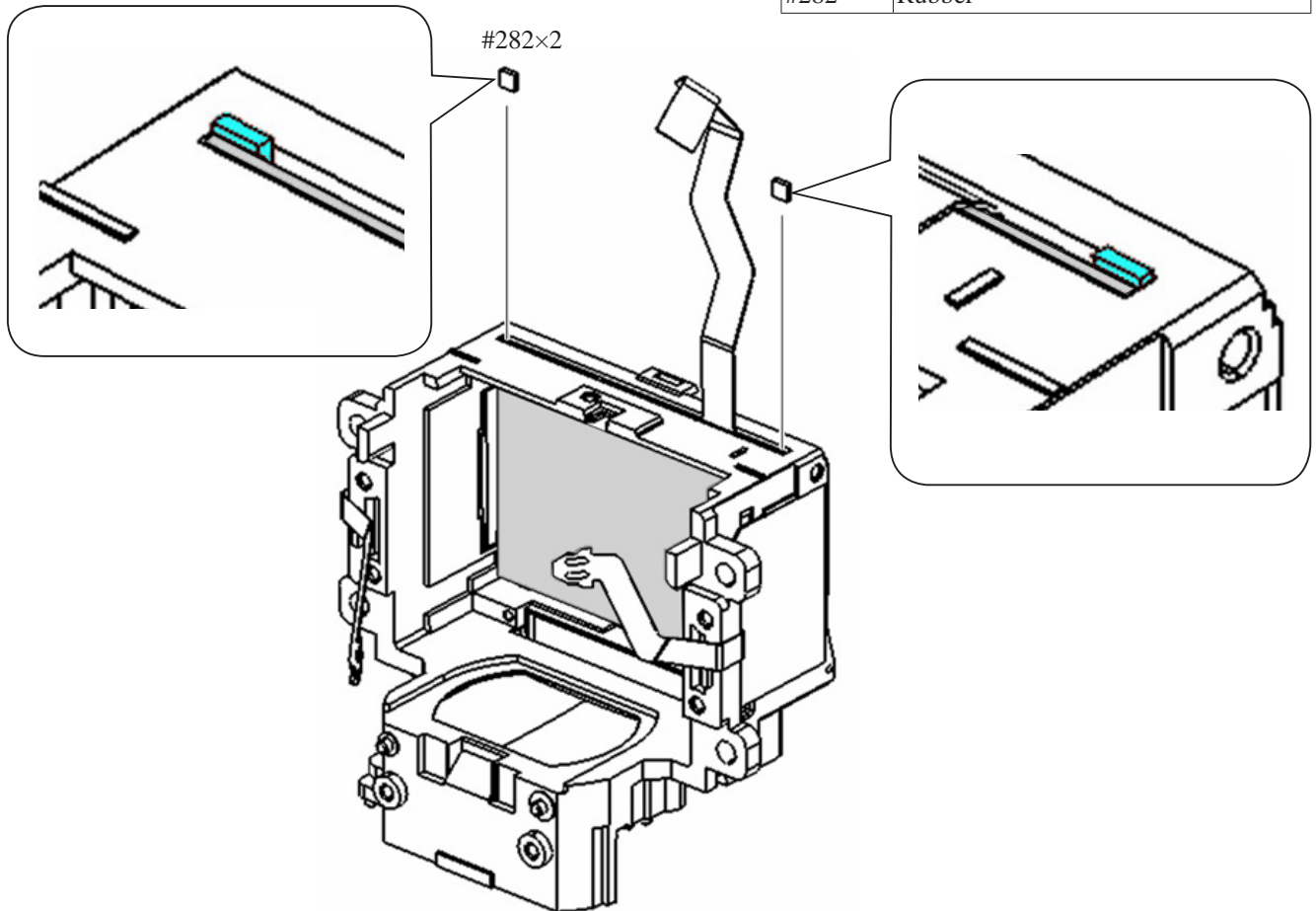
#134	Retainer plate
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#135	Dust-proof tape
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#282	Rubber
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SI-LCD

#279	Rubber
#192	SI-LCD

